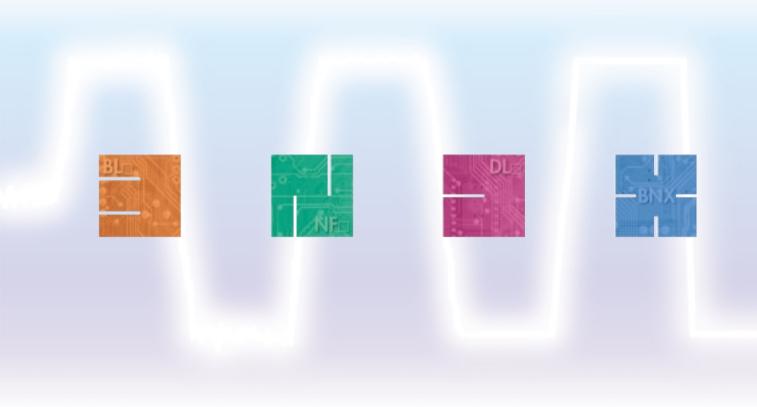
# SMD/BLOCK Type EMI Suppression Filters EMIFIL®





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#### Introduction

Murata Manufacturing Co., Ltd. has been developed the EMI suppression device market since the invention of 3 terminal capacitor DS310 series in 1979. Also, we have been struggling to develop and popularize new noise countermeasure technologies as well as new products in the concept of "Develop unique products", as the best solution partner of customers. We hope you can find your key device to your noise problem.

| Explanation of symbols in this catalog | Features of each series                       | Features of             | of each item   |
|--|---|-------------------------|--|
| All Products                           | Flow Flow solderin                            | g available             | New product  |
|  | FlowOK  | Kit Kit                 | Exist in design kit  |
|  | Reflow Reflow solder                          | ring available          | Rated current 1A or more   |
|  | ŎŔ  | <b>≧</b> 3A <b>≧</b> 3A | Rated current 3A or more   |
|  | Hi<br>Power Meet large cu                     | ırrent lines            |  |
| Chip Ferrite Bead                      | GHZ GHZ Meet high free up to 1-2GHz           |                         |  |
|  | Hi-<br>GHZ Hier Meet ultra hig<br>up to 10GHz | h frequency noise       |  |
| LC Combined Type Filter                |   | Οτν Δτν                 | Low cut off frequency type for UHF band noise which affects to digital TV tuner    |
| Chip Common Mode Chok                  | e Coil  | HD HD                   | for high speed differential signal lines (USB2.0/LVDS/IEEE1394 etc.)               |
|  |   |                         | for ultra high speed differential signal lines (HDMI/DVI/Display Port/USB3.0 etc.) |
|  |   |                         | Line impedance has been matched to transmission lines                              |

#### for EU RoHS Compliant

- · All the products in this catalog comply with EU RoHS.
- EU RoHS is "the European Directive 2002/95/EC on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment".
- · For more details, please refer to our website 'Murata's Approach for EU RoHS' (http://www.murata.com/info/rohs.html).

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Chip EMIFIL®

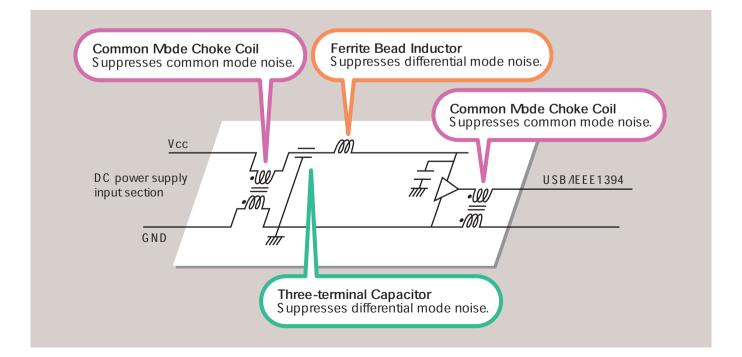


### •Features & Suitable Circuits

| Туре   | Features   | Suitable Circuits   |
|--|--|---|
| Ferrite Bead<br>BLM/BLA Series                       | Miniaturized<br>Unnecessary of GND connection<br>E ffective at low impedance line  | Application set with less<br>noise radiation<br>Low impedance line  |
| Capacitor Type<br>NFIMNFA/NFE/NFR/<br>NFL/NFW Series | G reat noise suppression effect<br>With effect as B y-P ass capacitor (Lineup for Power)<br>G ood noise separation from signal (LC filter for Signal)<br>E ffective at high impedance line | Application set with higher<br>noise radiation<br>H igh impedance line<br>C ircuit with B y-P ass capacitor<br>C ircuit driven by high<br>frequency |
| Common Mode<br>Choke Coil                            | Possible to suppress noise with less affect of ultra<br>high speed signal<br>G reat effect for common mode noise<br>Less magnetic saturation by current                                    | H igh speed differential<br>signal line<br>I/F cable driver<br>P ower line  |

## ●Example

2





# **EMI** Filter Selection by Circuits and Noise Frequency

### 

#### Circuit Type?

|                  |                                   |  | Power Line  | General Signal Line   | High Speed Signal Line   |
|------------------|-----------------------------------|--|---|---|--|
|                  |                                   |  | BLMO3AX p22   | BLMO2A P45  | BLMO3B p56   |
|                  |                                   |  | 0201 /0.2-1A /mp.10-1000Ω<br>BLMO3P p30<br>0201 /0.75-0.9A /mp.22-33Ω   | 01005/lmp.10-120Ω<br>BLMO3A p46<br>0201 /lmp.10-1000Ω                                     | 0201 /lmp.10-600Ω<br>BLM15B p58 0402 /lmp.5-1800Ω  |
|                  |                                   | (ler   | BLM15AX <i>p24</i><br>0402/0.35-1.74A /lmp.10-1000Ω   | <ul> <li>BLM15A p48<br/>0402/lmp.10-1000Ω</li> </ul>                                      | BLM18B         p62           0603/Imp.5-2500Ω         p62  |
|                  |                                   | Inductor Type<br>Suppression Effect: Normal) | BLM15P p31<br>0402/1-2.2A /lmp.10-120Ω  | BLM18A p51<br>0603/lmp.120-1000Ω  | BLM21B p66     0805/Imp.5-2700Ω  |
|                  |                                   | Inductor Type<br>ssion Effect: I             | BLM18P         p33           0603/0.5-3A /mp.30-470Ω  | BLM18T p55     0603/mp.120-1000Ω  | Array Type BLA 2AB P83   |
|                  |                                   | uctoi<br>on Ef                               | BLM21P         p35           0805/1.5-6A /lmp.22-330Ω   | BLM18R p69     0603/lmp.120-1000Ω   | • • • • • • • • • • • • • • • • •  |
|                  |                                   | Ind  | BLM31P         p37           1206/1.5-6Α /mp. 33-600Ω         20  | BLM21A         p53           0805/lmp.120-1000Ω   | 1206/Imp.120-1000Ω   |
|                  | 1GHz                              | Supp   | BLM41P p39<br>1806/1.5-6Α /mp.60-1000Ω  | BLM21R         p71           0805/mp.120-1000Ω  |  |
|                  | nder .                            |  | Low DC Resistance Type           BLM18K         p41           0603/1.3-6A /mp.26-600Ω                                   | Array Type           BLA2AA         p83           0804/lmp.120-1000Ω                      |  |
|                  | Noise Frequency: Under 1GHz       |  | BLM18S         p43           0603/1.5-6A /lmp.26-330Ω         p43   | BLA31A <i>p86</i><br>1206/Imp.30-1000Ω  |  |
| - 1              | dnend                             |  | <b>ΝFIM18PC</b> <i>p111</i><br>0603/2-4A /C ap.0.1-2.2μF  | NFM18C p118<br>0603/C ap.22-22000pF   | LC Combined  |
| - 1              | e Fre                             |  | <b>NFM21P</b> <i>p113</i><br>0805/2-6Α /C ap.0.1-4.7μF  | NFM21C p119<br>0805/C ap. 22-22000pF  | 0603/C ut off 200-500MHz   |
|                  | Nois                              | (Hg  | NFM3DP         p114           1205/2A /C ap.0.022μF   | <b>NFM3DC</b> <i>p120</i><br>1205/C ap. 22-22000pF  | NH 2 100 off 150-500MHz           0603/C ut off 150-500MHz           NFL 21S           p125  |
| ż                |                                   | t: High                                      | NFM31P         p115           1206/6Α /C ap. 27μF   | NFM41C p121<br>1806/C ap.22-22000pF   | • 0805/C ut off 10-500MHZ     • 0805/C ut off 10-500MHZ  |
| lenc             |                                   | Capacitor Type<br>ression Effect:            | NF.M41P         p116           1806/2-6A /C ap. 0.2-1.5μF   | Array Type<br>NFA31C p122<br>1206/C ap 22 22000pE   | 1206/C ut off 10-500MHz RC Combined  |
| redu             |                                   | pacit  | NF M55P         p117           2220/6A /C ap.1.5μF         p117   | T Circuit Filter Feed Through Type  | NFR 21G         p133           0805/22-100Ω/C ap.10-100pF  |
| Noise Frequency? |                                   | Capacitor Type<br>Suppression Effect: High)  | T Circuit Filter Feed Through Type           Image: WFE 31P         p108           1206/6A /C ap.22-2200pF         p108 | NFE 31P         p108           1206/C ap. 22-22000pF         1206/C ap. 22-22000pF        | Array Type (RC/LC Combined)<br>NFA31G p134<br>1206/6.8-100Ω/C ap.10-100pF  |
| Nois             |                                   | (Su  | NFE 61P         p109           2706/2A /C ap. 33-4700pF         2706/2A /C ap. 33-4700pF                                | NFE 61P p109<br>2706/C ap. 33-4700pF  | 1206/6.8-100Ω/C ap.10-100pF           NFA185         p126           0603/C ut off 50-480MHz  |
|                  |                                   |  | Block Type<br>BNX022/023 p179   |   | Image: Second at one of the second at one second at one of the second at one of the second |
| - 1              |                                   | -  | 10-15A /R ange1MHz-2G Hz  |   |  |
|                  |                                   | rmal)  | BLM15EG <i>p27</i><br>0402/0.7-1.5A /mp.120-220Ω  | BLM03HG p74<br>0201 /lmp.600-1000Ω  | BLM15HD p75     0402/imp.600-1800Ω   |
|                  |                                   | ype<br>ct: No                                | BLM18HE <i>p</i> 77     0603/0.5-0.8A /Imp.600-1500Ω  | BLM15HG p75<br>0402/mp.600-1000Ω  | BLM15HB <i>p</i> 75<br>0402/mp.120-220Ω  |
|                  | Band                              | tor T  | BLM18EG         p28           0603/0.5-2A /lmp.100-600Ω   | BLM15EG         p27           0402/lmp.120-220Ω         p27           BLM18HG         p77 | BLM18HD <i>p</i> 77<br>0603/lmp.470-1000Ω<br>BLM18HB <i>p</i> 77   |
|                  | GHz                               | Induc  |   | 0603/lmp.470-1000Ω  | 0603/lmp.120-330Ω  |
|                  | Noise Frequency: GHz              | Inductor Type<br>Suppression Effect: No      |   | <ul> <li>BLINIA IK 0603/Imp. 330-1000Ω</li> <li>BLM18EG p28</li> </ul>                    | O603/Imp. 600-1500Ω  |
|                  | negue                             |  | NFIV18PS p110   | 0603/lmp.100-600Ω   | LC Combined  |
|                  | ise F                             | Type<br>ect: Higl                            | ο603/2A /C ap.0.47-1.0μF  |   | <ul> <li>NFL18ST p123<br/>0603/C ut off 200-500MHz</li> </ul>  |
|                  | N                                 | citor<br>sion Effe                           |   |   | Array Type (LC Combined)   |
|                  |                                   | Capacitor Type<br>Suppression Effect: High)  |   |   | 0603/C ut off 50-480MHz     NFA21S     p129  |
|                  |                                   |  |   | DIAMOCO   | 0805/C ut off 50-330MHz  |
| - 1              | Noise Frequency:<br>High-GHz Band | Inductor<br>Type                             |   | BLM15GG <i>p</i> 81<br>0402/mp.220-470Ω<br>BLM18GG <i>p</i> 82                            | BLM15GA p81<br>0402/lmp.75Ω  |
|                  | Noise<br>High-                    | Ч<br>Г                                       |   | 0603/lmp.470Ω   |  |

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| Inductor Type  |        |         | Size Code   | Impedance (Ω) at 1 | Effective Frequency Range |                                       |
|----------------|--------|---------|-------------|--------------------|---------------------------|---------------------------------------|
|                |        | Series  | Inch (mm)   | 10 100             | 1000                      | 10kHz 100kHz 11MHz 100MHz 10GHz 10GHz |
| GHz<br>ise     | ines   | BLM15GG | 0402 (1005) | 220                | 470                       |                                       |
| High-<br>nd No |        | BLM15GA | 0402 (1005) | 75                 |                           |                                       |
| For<br>Ba      | Signal | BLM18GG | 0603 (1608) |                    | 470                       |                                       |

# 

| Capacitor Type  | Series                            | Size Code   | Capacitance (F) Effective Frequency Range                             |
|---|-----------------------------------|-------------|---|
| Сарасног туре   | Series                            | Inch (mm)   | 10p 100p 1000p 10000p 0.1µ 1µ 10µ 10kHz 100kHz 10NHz 100Hz 10Hz 10GHz |
|   | NFM18C                            | 0603 (1608) | 22 47 100 220 1000 22000  |
| Type  | NFM21C                            | 0805 (2012) | 470 2200<br>22 47 100 220 1000 22000                                  |
| Lines   | NFM3DC                            | 1205 (3212) | 470 2200 22 47 100 220 1000 22000                                     |
| Signal Lines Type   | NFM41C <i>p121</i>                | 1806 (4516) | 470 2200<br>22 47 100 220 1000 22000                                  |
|   | NFA31C p122<br>(4 circuits array) | 1206 (3216) | 470 2200<br>22 47 100 220 1000 22000                                  |
|   | NFM18P                            | 0603 (1608) | 0.22 1.0<br>0.1 0.47 2.2  |
| be  | NFM21P                            | 0805 (2012) | 0.22 1.0 4.7<br>0.1 0.47 2.2  |
| T)  | NFM3DP*                           | 1205 (3212) | 22000   |
| Power Lines Type  | NFM31P                            | 1206 (3216) | 27  |
| Ром   | NFM41P                            | 1806 (4516) | 0.2 1.5   |
|   | NFM55P                            | 2220 (5750) | 1.5   |
| rsal<br>e<br>wer<br>s /<br>nal<br>s ]                       | NFE31P                            | 1206 (3216) | 470 2200<br>22 47 100 220 1500  |
| Universal<br>Type<br>[Power<br>Lines /<br>Signal<br>Lines ] | NFE61P                            | 2706 (6816) | 100 360 1000<br>33 68 180 680 4700                                    |

# 

| LC (RC) Combined Type | Series                            | Size Code<br>Inch (mm) | 10 |        | Cut-off Frequency (MHz)<br>100 | 500 | Effective Frequency Range |
|-----------------------|-----------------------------------|------------------------|----|--------|--------------------------------|-----|---------------------------|
|                       | NFL18ST                           | 0603 (1608)            | 1  |        | 200 300                        | 500 |                           |
|                       | NFL18SP p124                      | 0603 (1608)            |    |        | 150 200 300                    | 500 |                           |
| Signal Lines Type     | NFL21S                            | 0805 (2012)            | 10 | 20     | 50 70 100 150 200 300 400      | 500 |                           |
|                       | NFA18S p126<br>(4 circuits array) | 0603 (1608)            |    |        | 200 400<br>50 130 180 220 300  | 180 |                           |
|                       | NFA21S p129<br>(4 circuits array) | 0805 (2012)            |    |        | 280 310<br>50 80 200 300 330   |     |                           |
| Sigr                  | NFW31S <i>p131</i>                | 1206 (3216)            | 10 | 20     | 400<br>50 100 150 200 300      | 500 |                           |
|                       | NFR21G                            | 0805 (2012)            | 10 | 47 100 |                                |     |                           |
|                       | NFA31G p134<br>(4 circuits array) | 1206 (3216)            | 10 | 47 100 |                                |     |                           |

\* The derating of rated current is required for some items according to the operating temperature on the each product page.

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# NF Series Introduction

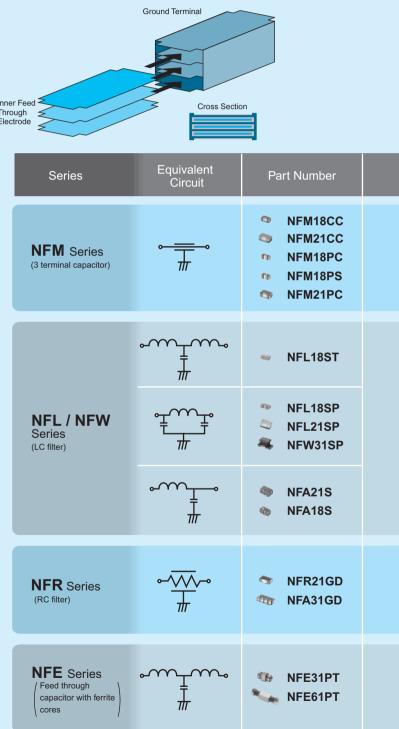
Ground Terminal



Output (Input) Terminal

#### **Example of 3 Terminal Capacitor Structure**

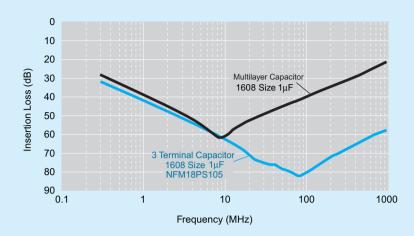
Chip 3 terminal capacitor is chip shaped 3 terminal capacitor designed for noise suppression. Its inner structure like feed through capacitor makes its ground impedance quite low. Owing to this structure, 3 terminal capacitor has good noise suppression effect at high frequency range up to several hundred MHz.



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#### NF Series Introduction



| Insertion Loss Sample | Features   |        |   | Applications   | Example  |
|-----------------------|--|--------|---|--|--|
|                       | Standard of 3  | NFM_CC | Standard type with varied capacitance                                 | Noise suppression in<br>low speed signal lines               | Low speed interface<br>lines, sensors  |
|                       | terminal capacitor   | NFM_PC | Meet large current, high<br>capacitance available,<br>for power lines | Noise suppression in power lines                             | Individual IC power lines  |
|                       |  | NFL_ST | T-type filter, effective in<br>low impedance circuits                 |  | High speed interface lines<br>Bus lines<br>LCD lines<br>Camera I/Fs<br>High speed analog lines<br>RGB / D terminal |
|                       | Sharp insertion<br>loss curve enables<br>low damage to<br>signal waveform                                | NFL_SP | $\pi$ -type filter, effective in high impedance circuits              | Noise suppression in   |  |
|                       |  | NFW_SP | $\pi$ -type filter, designed for low impedance circuits               | high speed signal lines                                      |  |
|                       |  | NFA_SL | 4-line array, suitable for bus lines or flat cables                   |  |  |
|                       | Limit noise using<br>resistor, also loop<br>back to ground   |        |   | Noise suppression in<br>signal line with unstable<br>ground  | Interface lines<br>Clock lines   |
|                       | Meet large current,<br>good high<br>frequency<br>performance<br>because of its feed<br>through structure |        |   | Noise suppression in<br>power lines / low<br>impedance lines | Various power lines, sensors   |

Block Type EMIFIL®

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#### LC Combined (1)



#### Product ID

Product ID NF

#### **2**S tructure

| Code | Structure                    |  |
|------|------------------------------|--|
| L    | Maltilayer, LC Combined Type |  |
| w    | Wire Wound, LC Combined Type |  |
| E    | Block, LC Combined Type      |  |

Chip EMIFIL®

#### 3D imensions (L × W)

| Code | Dimensions (L×W) | EIA  |
|------|------------------|------|
| 18   | 1.6×0.8mm        | 0603 |
| 21   | 2.0×1.25mm       | 0805 |
| 31   | 3.2×1.6mm        | 1206 |
| 61   | 6.8×1.6mm        | 2606 |

#### 4 Features

| Code | Features                          |  |  |  |
|------|-----------------------------------|--|--|--|
| SP   | $\pi$ C ircuit for S ignal L ines |  |  |  |
| ST   | T C ircuit for S ignal L ines     |  |  |  |
| PT   | T C ircuit for L arge C urrent    |  |  |  |

#### SC ut-off F requency (NFL/NFW S eries)

Expressed by three figures. The unit is in hertz (Hz). The first and second figures are significant digits, and the third figure expresses the number of zeros which follow the two figures.

#### SC apacitance (NFE Series)

Expressed by three figures. The unit is in pico-farad (pF). The first and second figures are significant digits, and the third figure expresses the number of zeros which follow the two figures.

#### **9**Packaging

| Code | Packaging                        | Series          |
|------|----------------------------------|-----------------|
| к    | Embossed Taping (ø330mm R eel)   | NFW31/NFE       |
| L    | E mbossed Taping (ø1 80mm R eel) | NFW31/NFE       |
| В    | B ulk                            | NFL18/NFL21/NFE |
| D    | Paper Taping (ø180mm R eel)      | NFL18/NFL21     |

#### 6C haracteristics (NFL/NFW Series)

| Code | Characteristics     |
|------|---------------------|
| X    | C ut-off F requency |

#### **6**C haracteristics (NFE S eries)

| Code | Capacitance Change (Temperature Characteristics) |
|------|--|
| В    | ±10%   |
| С    | ±20% , ±22%                                      |
| D    | +20/-30% , +22/-33%                              |
| E    | +20/-55% , +22/-56%                              |
| F    | +30/-80% , +22/-82%                              |
| R    | ±15%   |
| U    | -750 ±120ppm/ °C                                 |
| Z    | 0 ther   |

#### R ated Voltage

| - 5        |               |
|------------|---------------|
| Code       | Rated Voltage |
| 1 <b>A</b> | 10V           |
| 1C         | 16V           |
| 1E         | 25V           |
| 1H         | 50V           |
| 2A         | 1 00V         |
|            |               |

#### 8E lectrode

| -    |                          |        |
|------|--------------------------|--------|
| Code | Electrode                | Series |
| 3/7  | 3/7 S n P lating         |        |
| 4    | Lead Free Solder Coating | NFW    |
| 9    | 0 thers                  | NFE    |

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## NF Chip EMIFIL® Series Line Up

| and Signal Lines         1.6         NFE61PT6021H9         50Vdc         100pF+30%-30%         -         2.4         501         500           1.6         NFE61PT10121H9         50Vdc         100pF+30%-30%         -         2.4         501         500           1.6         NFE61PT361BH9         50Vdc         360pF+30%-30%         -         2.4         501         500           1.6         NFE61PT361BH9         50Vdc         630pF+30%-30%         -         2.4         603         500           1.6         NFE61PT3621H9         50Vdc         1000pF+80%-20%         -         2.4         603         500         500         500         -         2.4         603         500         500         500         500         -         2.4         603         500         500         500         500         -         2.4         603         500         500         500         -         2.4         603         500         500         500         500         500         -         2.4         603         500         500         500         500         500         500         500         500         500         500         500         500         500         500   | LC Combined Type         1.6         NFE31PT470C1E9         25Vdc         470pF+50%-20%          6A         E33           C Combined Type         1.6         NFE31PT421D1E9         25Vdc         200pF+50%-20%          6A         E33           1.6         NFE31PT421D1E9         25Vdc         1000pF+50%-20%          6A         E33           and Signal Lines         1.6         NFE31PT42221E9         25Vdc         130pF+50%-20%          6A         E33           ned Signal Lines         1.6         NFE31PT42221E9         25Vdc         230pF-30%-30%          2A         E33         E33 </th <th>Туре</th> <th>Size Code<br/>(Inch)</th> <th>Thickness<br/>(mm)</th> <th>Part Number</th> <th>Rated<br/>Voltage</th> <th>Capacitance</th> <th>Nominal<br/>Cut-off<br/>Frequency</th> <th>Rated<br/>Current</th> <th>New Kit ≧1A<br/>≧3A</th> <th>DTV Flow</th>  | Туре               | Size Code<br>(Inch) | Thickness<br>(mm) | Part Number     | Rated<br>Voltage | Capacitance   | Nominal<br>Cut-off<br>Frequency | Rated<br>Current | New Kit ≧1A<br>≧3A | DTV Flow |
|--|--|--------------------|---------------------|-------------------|-----------------|------------------|---------------|---------------------------------|------------------|--------------------|----------|
| LC combined Type         14.06         NFE31PT201E9         25Vdc         100p+e30%-20%,         6A         E33           LC combined Type         1.6         NFE31PT3221E9         25Vdc         100p+e30%-20%,         6A         E33           In Combined Type         1.6         NFE31PT32221E9         25Vdc         100p+e30%-50%,         6A         E33           In Combined Type         1.6         NFE31PT32221E9         25Vdc         100p+e30%-50%,         2A         E33           In Combined Type         1.6         NFE81PT10221H9         50Vdc         230p+e30%-50%,         2A         E33         Cambined Type           In Combined Type         1.6         NFE81PT10121H9         50Vdc         830p+e30%-50%,         2A         E33         Cambined Type           In Combined Type         1.6         NFE81PT10121H9         50Vdc         830p+e30%-50%,         2A         E33         Cambined Type           In Combined Type         1.6         NFE81PT3021H3         50Vdc         830p+e30%-50%,         2A         E33         Cambined Type           In Combined Type         0.8         NFL18ST207X1C3         16Vdc         10p+e20%-20%         200MHz         100mA         CG         CG         CG         CG  | LC combined Type         1.6         NFE31PT121159         22Vid         1000F+80%-20%         -         6.A         E33           C Combined Type         1.6         NFE31PT1221159         22Vid         2000F+80%-20%         -         6.A         E33           C Combined Type         1.6         NFE31PT13221169         22Vid         2000F+80%-20%         -         6.A         E33           I C Combined Type         1.6         NFE31PT13221169         22Vid         2200F+80%-20%         -         2.A         E33           I C C Combined Type         1.6         NFE61PT300B1H9         50Vid         800F+30%-30%         -         2.A         E33         E33           I C C Combined Type         1.6         NFE61PT130E1H9         50Vid         1800F+30%-30%         -         2.A         E33         E33           I C C Combined Type         1.6         NFE61PT130E1H9         50Vid         1800F+30%-30%         -         2.A         E33         E33<   |                    | p108                | 1.6               | NFE31PT220R1E9  | 25Vdc            | 22pF+30%-30%  | -                               | 6A               | <b>≧3</b> A        |          |
| LC combined Type         1.6         NFE31PT2101E9         25Vdc         100pF+60%-20%         -         6.A         ES3           LC combined Type         1.6         NFE31PT471F1E9         25Vdc         220p1F+50%-20%         -         6.A         ES3           1.6         NFE31PT471F1E9         25Vdc         2200pF+50%-20%         -         6.A         ES3           1.6         NFE31PT322TE9         25Vdc         2200pF+50%-20%         -         2.A         ES3           1.6         NFE61PT3081HB         50Vdc         320p7+30%-30%         -         2.A         ES3           1.6         NFE61PT10121H9         50Vdc         80p7+30%-30%         -         2.A         ES3         ES3           1.6         NFE61PT10121H9         50Vdc         800pF+20%-20%         -         2.A         ES3         ES3           1.6         NFE61PT102E1H9         50Vdc         4700pF+40%-20%         -         2.A         ES3         ES3           1.6         NFE61PT102E1H9         50Vdc         4700pF+40%-20%         2.00H12         20mA         C63         ES3   | LC combined Type         1.6         NFE31PT1201E9         25Vic         100P+80%-20%          6.A         ES3           C Combined Type         1.6         NFE31PT321E9         25Vic         270P+50%-20%          6.A         ES3           1.6         NFE31PT3221E9         25Vic         1500F+60%-20%          6.A         ES3           1.6         NFE31PT3221E9         25Vic         1500F+60%-50%          2.A         ES3           1.6         NFE31PT3221E9         25Vic         1500F+60%-50%          2.A         ES3           1.6         NFE61PT300E1H9         50Vic         180PF-30%-30%          2.A         ES3         ES3           1.6         NFE61PT30E1H9         50Vic         180PF-30%-30%          2.A         ES3         ES3           1.6         NFE61PT30E1H9         50Vic         180PF-20%-20%          2.A         ES3         ES3           1.6         NFE19T30Z1C3         16Vic         270PF-20%-20%         200MH2         200mA         ES3         ES3           0.603         NFL18ST30ZX1C3         16Vic         180PF-20%-20%         200MH2         200mA         ES3         ES3   |                    |                     | 1.6               | NFE31PT470C1E9  | 25Vdc            | 47pF+50%-20%  | -                               | 6A               | <b>≧3</b> A        |          |
| LC Combined Type<br>for Fource Lines         1.6         NFESTPT471FED         25Vdc         1200F+50%-20%         -         6.A         ECI           LC Combined Type<br>for Fource Lines         1.6         NFESTPT5222TE9         25Vdc         1200F+50%-20%         -         6.A         ECI           and Signal Lines         1.6         NFESTPT522TE9         25Vdc         1200F+50%-20%         -         6.A         ECI         27           and Signal Lines         1.6         NFESTPT522TE9         25Vdc         1200F+50%-30%         -         2.A         ECI         27           2706         1.6         NFESTPT330B1H9         50Vdc         306F+30%-30%, -         2.A         ECI         27           1.6         NFESTPT30B1H9         50Vdc         400F+30%-30%, -         2.A         ECI         27           1.6         NFESTPT51B1H9         50Vdc         4700F+20%-20%         -         2.A         ECI         28           1.6         NFESTPT121B151H9         50Vdc         4700F+20%-20%         200H12         100mA         ECI         28           0.603         NF116ST307X1C3         16Vdc         106F+20%-20%         200H12         100mA         ECI         20           0.603         NF12159   | 1200         1.6         NFE31PT221D1E9         25Vdc         220pF+50%-20%          6.A         ES3           C Combined Type<br>for Power Lines         1.6         NFE31PT3221E9         220dc         1500pF+60%-20%          6.A         CS3           and Signal Lines         1.6         NFE31PT3221E9         220dc         1500pF+60%-60%          6.A         CS3         CS3 <td></td> <td></td> <td>1.6</td> <td>NFE31PT101C1E9</td> <td>25Vdc</td> <td></td> <td>-</td> <td>6A</td> <td><b>≧3</b>A</td> <td></td>  |                    |                     | 1.6               | NFE31PT101C1E9  | 25Vdc            |               | -                               | 6A               | <b>≧3</b> A        |          |
| LC combined Type<br>for Power Lines<br>and Signal Lines         1.6         NFES1PT32221E9         25Vad.         4700F+50%-20%.         -         6A         1.63         S3           LC combined Type<br>for Power Lines<br>and Signal Lines         1.6         NFE61PT32221E9         25Vad.         2300F+50%-50%.         -         6A         1.63         S3           LC combined<br>Misignal Lines         1.6         NFE61PT305B1H9         50Vdc.         680F+30%-30%.         -         2A         2C1         C1         C1 <td< td=""><td>LC combined Type         1.6         NFE31PT471F1E9         25Vdc         4700F+50%-20%         -         6.A         ES3           C combined Type         1.6         NFE31PT3221E9         25Vdc         12000F+50%-20%         -         6.A         ES3           nand Signal Lines         1.6         NFE61PT308D1H9         50Vdc         33pF+30%-30%         -         2.A         ES3         129           1.6         NFE61PT308D1H9         50Vdc         180pF+30%-30%         -         2.A         ES3         129           1.6         NFE61PT308D1H9         50Vdc         180pF+30%-30%         -         2.A         ES3         120         &lt;</td><td></td><td>1206</td><td>1.6</td><td></td><td></td><td>•</td><td>-</td><td>6A</td><td><b>≧</b>3∧</td><td></td></td<>                                       | LC combined Type         1.6         NFE31PT471F1E9         25Vdc         4700F+50%-20%         -         6.A         ES3           C combined Type         1.6         NFE31PT3221E9         25Vdc         12000F+50%-20%         -         6.A         ES3           nand Signal Lines         1.6         NFE61PT308D1H9         50Vdc         33pF+30%-30%         -         2.A         ES3         129           1.6         NFE61PT308D1H9         50Vdc         180pF+30%-30%         -         2.A         ES3         129           1.6         NFE61PT308D1H9         50Vdc         180pF+30%-30%         -         2.A         ES3         120         <   |                    | 1206                | 1.6               |                 |                  | •             | -                               | 6A               | <b>≧</b> 3∧        |          |
| LC combined Type<br>for Power Lines<br>and Signal Lines<br>P <sup>170</sup> 1.6 NFE31PT13221E9 2.5Vidc 2000F450%-50% 0 - 6A C S S C S C S C S C S C S C S C S C S  | Combined Type<br>1.6 NFE31PT15221E9 25Vidc 1500pF+50%-20% - 6A (C) 823<br>for Power Lines<br>and Signal Lines<br>1.6 NFE61PT2320E19 50Vidc 30pF+30%-30% - 2A 21 22<br>1.6 NFE61PT10121H9 50Vidc 100pF+30%-30% - 2A 21 22<br>1.6 NFE61PT10121H9 50Vidc 100pF+30%-30% - 2A 21 22<br>1.6 NFE61PT10121H9 50Vidc 100pF+30%-30% - 2A 21 22<br>1.6 NFE61PT10121H9 50Vidc 30pF+30%-30% - 2A 21 22<br>1.6 NFE61PT10121H9 50Vidc 30pF+30%-30% - 2A 21 22<br>1.6 NFE61PT10121H9 50Vidc 30pF+30%-30% - 2A 21 22<br>1.6 NFE61PT1021H9 50Vidc 30pF+30%-30% - 2A 21 22<br>1.6 NFE61PT1021H9 50Vidc 30pF+20%-20% - 2A 21 22<br>1.6 NFE61PT1021H9 50Vidc 100pF+20%-20% 200MHz 150mA 22<br>1.6 NFE61PT3231 16Vidc 18pF+22%-20% 200MHz 100mA 22<br>1.6 NFL185P207X1C3 16Vidc 18pF+22%-20% 200MHz 100mA 22<br>0.8 NFL185P207X1A3 10Vidc 34pF+22%-20% 200MHz 100mA 22<br>0.8 NFL185P207X1A3 10Vidc 34pF+22%-20% 200MHz 100mA 22<br>0.85 NFL215P108X1C3 16Vidc 70pF+20%-20% 200MHz 100mA 23<br>0.85 NFL215P108X1C3 16Vidc 24pF+20%-20% 200MHz 200mA 23<br>0.85 NFL215P108X1C3 16Vidc |                    |                     | 1.6               |                 |                  |               | -                               | 6A               | <b>≧</b> 3A        |          |
| LC Combined Type   16 NFE31PT2222199 25Vdc 2200pF-50%-50% - 6A [C] 237<br>for Power Lines   16 NFE61PT30B1H9 50Vdc 307+30%-30% - 2A 913 [23<br>and Signal Lines   16 NFE61PT1021H9 50Vdc 100pF-30%-30% - 2A 913 [23<br>1.6 NFE61PT1011H9 50Vdc 100pF-30%-30% - 2A 913 [23<br>1.6 NFE61PT10181H9 50Vdc 100pF-30%-30% - 2A 913 [23<br>1.6 NFE61PT1081H9 50Vdc 100pF-30%-30% - 2A 913 [23<br>1.6 NFE61PT1081H9 50Vdc 1000pF-80%-20% - 2A 913 [23<br>1.6 NFE61PT1081H9 50Vdc 1000pF-80%-20% - 2A 913 [23<br>1.6 NFE61PT1021H9 50Vdc 1000pF-80%-20% - 2A 913 [23<br>1.6 NFE61PT1021H9 50Vdc 1000pF-80%-20% - 2A 913 [23<br>1.6 NFE61PT1021H9 50Vdc 1000pF-80%-20% - 2A 923 [23<br>1.6 NFE61PT1021H9 50Vdc 1000pF-80%-20% - 2A 193 [23<br>1.6 NFE61PT1021H9 50Vdc 1000pF-80%-20% - 2A 193 [23<br>1.6 NFE61PT1021H9 50Vdc 100PF-20%-20% 200MHz 150mA [25<br>1.6 NFE61PT1021H9 50Vdc 10pF-20%-20% 200MHz 200mA [25<br>1.6 NFL185707X13 16Vdc 10pF-20%-20% 300MHz 200mA [25<br>1.6 NFL185P307X133 10Vdc 24pF-20%-20% 300MHz 100mA [25<br>1.6 NFL185P307X133 10Vdc 10pF-20%-20% 300MHz 100mA [25<br>1.6 NFL185P307X133 10Vdc 10pF-20%-20% 300MHz 100mA [25<br>1.6 NFL185P307X133 16Vdc 10pF-20%-20% 100MHz 100mA [25<br>1.6 NFL215P107X133 16Vdc 10pF-10%-10% 300MHz 20mA [25<br>1.6 NFL215P107X133 16Vdc 10pF-10%-10% 300MHz 20mA [25<br>1.6 NF1215P107X133 16Vdc 10pF-10%-10   | C Combined Type         1.6         NFE61PT2222169         25Vdc         2200pF+60%-50%         -         6.A         ICE B23           and Signal Lines         -         1.6         NFE61PT0820B1H9         50Vdc         306P+30%-30%         -         2.A         B31         Dim           and Signal Lines         -         1.6         NFE61PT082B1H9         50Vdc         100pF+30%-30%         -         2.A         B31         Dim           2706         1.6         NFE61PT082H19         50Vdc         100pF+30%-30%         -         2.A         B31         Dim           1.6         NFE61PT082H19         50Vdc         100pF+30%-20%         -         2.A         B31         Dim           1.6         NFE61PT02E1H9         50Vdc         1000pF+80%-20%         -         2.A         C33         Dim         Dim <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td></td<>   |                    |                     |                   |                 |                  |               | -                               |                  |                    |          |
| propertune<br>and Signal Lines         priof<br>1.6         NFEG1PT330E1H9         SOVdc         33pF-30%-30%         -         2A         PET         Tet           1.6         NFEG1PT131E1H9         SOVdc         100pF+30%-30%,         -         2A         PET         Tet           1.6         NFEG1PT161E1H9         SOVdc         100pF+30%-30%,         -         2A         PET         Tet           1.6         NFEG1PT161E1H9         SOVdc         100pF+30%-30%,         -         2A         PET         Tet         Tet <td>μr00         1.6         NFE61PT330B1H9         50Vdc         33pF-30%-30%         -         2A         933           and Signal Lines         1.6         NFE61PT6021H9         50Vdc         680pF+30%-30%         -         2A         933         10           2706         1.6         NFE61PT6021H9         50Vdc         100pF+30%-30%         -         2A         933         10           1.6         NFE61PT681B1H9         50Vdc         100pF+30%-30%         -         2A         933         10           1.6         NFE61PT681B1H9         50Vdc         400pF+30%-30%         -         2A         933         10           1.6         NFE61PT681B1H9         50Vdc         400pF+80%-20%         -         2A         933         10           1.6         NFE185707X123         16Vdc         10pF+20%-20%         200MHz         100mA         63         10         <td< td=""><td>I.C. Combined Type</td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td></td<></td>  | μr00         1.6         NFE61PT330B1H9         50Vdc         33pF-30%-30%         -         2A         933           and Signal Lines         1.6         NFE61PT6021H9         50Vdc         680pF+30%-30%         -         2A         933         10           2706         1.6         NFE61PT6021H9         50Vdc         100pF+30%-30%         -         2A         933         10           1.6         NFE61PT681B1H9         50Vdc         100pF+30%-30%         -         2A         933         10           1.6         NFE61PT681B1H9         50Vdc         400pF+30%-30%         -         2A         933         10           1.6         NFE61PT681B1H9         50Vdc         400pF+80%-20%         -         2A         933         10           1.6         NFE185707X123         16Vdc         10pF+20%-20%         200MHz         100mA         63         10 <td< td=""><td>I.C. Combined Type</td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td></td<>   | I.C. Combined Type |                     |                   |                 |                  |               | -                               |                  |                    |          |
| and Signal Lines         1.6         NFE61PT102119         SOVdc         68pF+30%-30%         .         2A         ST           2706         1.6         NFE61PT102119         SOVdc         100pF+30%-30%         .         2A         ST         ST           1.6         NFE61PT102119         SOVdc         100pF+30%-30%         .         2A         ST         ST           1.6         NFE61PT3618119         SOVdc         100pF+30%-20%         .         2A         ST         ST           1.6         NFE61PT3618119         SOVdc         1000pF+80%-20%         .         2A         CS         ST         ST           1.6         NFE61PT372C119         SOVdc         1000pF+80%-20%         .         2A         CS         ST         ST <t< td=""><td>and Signal Lines         1.6         NFE61PT680B1H9         50Vdc         68pF+30%-30%         -         2A         ST         Test           2706         1.6         NFE61PT101Z1H9         50Vdc         100pF+30%-30%         -         2A         ST         Test           1.6         NFE61PT101Z1H9         50Vdc         100pF+30%-30%         -         2A         ST         Test           1.6         NFE61PT03E1H9         50Vdc         800pF+20%-20%         -         2A         ST         Test           1.6         NFE61PT02E1H9         50Vdc         800pF+20%-20%         -         2A         ST         Test           1.6         NFE61PT02E1H9         50Vdc         1000pF+80%-20%         -         2A         ST         Test           1.6         NFE61PT02E1H9         50Vdc         100pF+80%-20%         200MHz         150mA         ST         Test         Test         A         ST         Test         A         ST         ST         Test         A         ST         ST</td><td></td><td></td><td></td><td></td><td></td><td>· ·</td><td></td><td></td><td></td><td></td></t<>   | and Signal Lines         1.6         NFE61PT680B1H9         50Vdc         68pF+30%-30%         -         2A         ST         Test           2706         1.6         NFE61PT101Z1H9         50Vdc         100pF+30%-30%         -         2A         ST         Test           1.6         NFE61PT101Z1H9         50Vdc         100pF+30%-30%         -         2A         ST         Test           1.6         NFE61PT03E1H9         50Vdc         800pF+20%-20%         -         2A         ST         Test           1.6         NFE61PT02E1H9         50Vdc         800pF+20%-20%         -         2A         ST         Test           1.6         NFE61PT02E1H9         50Vdc         1000pF+80%-20%         -         2A         ST         Test           1.6         NFE61PT02E1H9         50Vdc         100pF+80%-20%         200MHz         150mA         ST         Test         Test         A         ST         Test         A         ST         ST         Test         A         ST  |                    |                     |                   |                 |                  | · ·           |                                 |                  |                    |          |
| Image: Part of the second s   | 1.6         NFE61PT10121H9         50Vdc         100pF+30%-30%,         2A         E10         FE           1.6         NFE61PT361B1H9         50Vdc         180pF+30%-30%,         2A         E11         E20           1.6         NFE61PT361B1H9         50Vdc         680pF+30%-30%,         2A         E11         E20           1.6         NFE61PT361B1H9         50Vdc         680pF+30%-30%,         2A         K211         E20           1.6         NFE61PT302TH3         50Vdc         160Vdc 250%-20%,         2A         K211         E20           0.8         NFL18ST07X1C3         16Vdc         18pF+20%-20%, 20%          2A         K211         E20           0.803         NFL18ST07X1C3         16Vdc         12pF+20%-20%, 300MH2         200mA         K2         -  |                    |                     |                   |                 |                  |               |                                 |                  |                    |          |
| μ         16.         NFE61PT181B1H9         50Vdc         180pF+30%-30%         -         2A         31         72           1.6         NFE61PT182B1H9         50Vdc         360pF+30%-30%         -         2A         21         12           1.6         NFE61PT102E1H9         50Vdc         1000pF+80%-20%         -         2A         42         12         12           1.6         NFE61PT102E1H9         50Vdc         1000pF+80%-20%         -         2A         43         12         12           1.6         NFE18T1712H19         50Vdc         100pF+80%-20%         200MHz         150mA         13         12   | LC Combined<br>Multilayer Type<br>for Signal Lines         1.6.         NFEG1PT181B1H9         50Vdc<br>50Vdc         180pF+20%-20%<br>800pF+20%-20%         -         2.A         E13         Time<br>for<br>50Vdc           1.6.         NFEG1PT02E1H9         50Vdc         100pF+20%-20%         -         2.A         K31         Cm           1.6.         NFEG1PT02E1H9         50Vdc         100pF+20%-20%         -         2.A         K31         Cm           1.6.         NFEG1PT02E1H9         50Vdc         100pF+20%-20%         200ML2         150mA         K3           0.63         NFL18ST07X1C3         16Vdc         18pF+20%-20%         200ML2         200mA         K3           0.60         NFL18ST07X1C3         16Vdc         19pF+20%-20%         300ML2         100mA         K3           0.60         NFL18SP307X1A3         10Vdc         11pF+20%-20%         300ML2         100mA         K3           0.61         NFL18SP307X1A3         10Vdc         11pF+20%-20%         300ML2         100mA         K3           0.62         NFL18SP307X1A3         10Vdc         11pF+20%-20%         300ML2         100mA         K3           0.63         NFL21SP106X1C3         16Vdc         240pF+20%-20%         300ML2         100mA   |                    |                     |                   |                 |                  | •             |                                 |                  |                    |          |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$  | LC Combined<br>Multilayer Type<br>for Signal Lines         1.6         NFEG1PT361B1H9         50Vdc         380pF+20%-20%         -         2.A         ET         ET           LC Combined<br>Multilayer Type<br>for Signal Lines         0.8         NFL18ST07X1C3         16Vdc         180/2 F20%-20%         -         2.A         LC         ET         ET           LC Combined<br>Array Type<br>for Signal Lines         0.8         NFL18ST07X1C3         16Vdc         16/2 F20%-20%         200MH2         150mA         KC           0.60         NFL18ST07X1C3         16Vdc         16/2 F20%-20%         300MH2         200mA         KC           0.61         NFL18ST07X1C3         16Vdc         16/2 F20%-20%         300MH2         100mA         KC           0.63         NFL18SP157X1A3         10Vdc         24pF+20%-20%         300MH2         100mA         KC           0.63         NFL18SP107X1A3         10Vdc         11pF+20%-20%         300MH2         100mA         KC           0.64         NFL18SP107X1C3         16Vdc         16Vdc         726%-20%         300MH2         100mA         KC           0.85         NFL21SP206X1C3         16Vdc         240pF+20%-20%         300MH2         100mA         KC           0.85         NFL21SP107X1C3 <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td>   |                    |                     |                   |                 |                  | •             |                                 |                  |                    |          |
| Influint         NFE61PT02E1H9         50Vdc         680pF-30%-30%         -         2A         ET           1.6         NFE61PT02E1H9         50Vdc         1000pF+80%-20%         -         2A         KC B1         Cm           0.8         NFL18ST207X1C3         16Vdc         18pF-20%-20%         200mAL         150mA         KC           0.8.         NFL18ST207X1C3         16Vdc         10pF+20%-20%         300MHz         100mA         KC           0.8.         NFL18ST207X1C3         16Vdc         10pF+20%-20%         200mAL         100mA         KC           0.8.         NFL18SP307X1A3         10Vdc         30pF+20%-20%         200MHz         100mA         KC           0.6.         NFL18SP307X1A3         10Vdc         10pF+20%-20%         200MHz         100mA         KC           0.6.         NFL18SP307X1A3         10Vdc         10pF+20%-20%         200MHz         100mA         KC           0.6.         NFL1SP506X1C3         10Vdc         40pF+20%-20%         50MHz         100mA         KC           0.8005         NF21SP506X1C3         16Vdc         40pF+20%-20%         50MHz         100mA         KC           0.8005         NF21SP506X1C3         16Vdc         40pF+20  | InfectPreshBither         50Vdc         680pF+30%-30%         -         2A         Eth         Find           1.6         NFE61PT102E1H9         50Vdc         1000pF+80%-20%         -         2A         KG         512         722           1.6         NFE61PT32C1H9         50Vdc         1700pF+80%-20%         -         2A         KG         512         722           0603         P128         0.8         NFL18ST307X1C3         16Vdc         10pF+20%-20%         200mA         KG         -         2A         KG         -         63         -         63         -         -         2A         KG         -         2A         KG         -         63         -         -         2A         KG         -         2A         KG         -         2A         KG         -         2A         KG         12B         -         2A         KG         -         2A         KG         13D         -         2A         KG         300MHz         100mA         KG         -         -         6         -         -         6         -         160%C         160%F20%-20%         200MHz         100mA         KG         -         100mA         KG         -   |                    | 2706                |                   |                 |                  | •             |                                 |                  |                    |          |
| Image: https://www.image: htttps://www.image: https://www.image: https://www.image: h  | Info         NFE61PT102E1H0         50Vdc         1000pF+80%-20%         -         2A         KK B1         Fm           NP128         NFL18ST207X1C3         16Vdc         25P+20%-20%         200MHz         150mA         CC           0603         P128         0.6         NFL18ST307X1C3         16Vdc         10pF+20%-20%         200MHz         150mA         CC           0603         P128         0.6         NFL18ST307X1C3         16Vdc         10pF+20%-20%         500MHz         200mA         KC           0.6         NFL18SP1307X1A3         10Vdc         10pF+20%-20%         300MHz         100mA         KC           0.6         NFL18SP137X1A3         10Vdc         10pF+20%-20%         300MHz         100mA         KC           0.6         NFL18SP137X1A3         10Vdc         11pF+20%-20%         300MHz         100mA         KC           0.65         NFL21SP106X1C3         16Vdc         670pF+20%-20%         300MHz         100mA         KC           0.85         NFL21SP106X1C3         16Vdc         240pF+20%-20%         50MHz         100mA         KC           0.85         NFL21SP106X1C3         16Vdc         240pF+20%-20%         70MHz         100mA         KC   |                    |                     |                   |                 |                  | •             |                                 |                  |                    |          |
| Inf         NFE61PT472C1H9         50Vdc         4700pF+80%-20%         V         2A         K3         K1         K3         K1           0.8         NFL18ST207X1C3         16Vdc         25pF+20%-20%         300MHz         200mA         K3           0.003 <i>PV3</i> 0.6         NFL18ST507X1C3         16Vdc         10pF+20%-20%         300MHz         200mA         K3           0.003 <i>PV3</i> 0.6         NFL18SP157X1A3         10Vdc         24pF+20%-20%         300MHz         100mA         K3           0.6         NFL18SP507X1A3         10Vdc         24pF+20%-20%         200MHz         100mA         K3           0.6         NFL18SP507X1A3         10Vdc         10pF+20%-20%         200MHz         100mA         K3           1040         10.8         NFL21SP106X1C3         16Vdc         40pF+20%-20%         200MHz         100mA         K3           10805         NFL21SP206X1C3         16Vdc         40pF+20%-20%         20MHz         150mA         K3           10805         NFL21SP107X1C3         16Vdc         24pF+20%-20%         100MHz         200mA         K3           10805         NFL21SP107X1C3         16Vdc         25pF+20%-20%         100MHz   | LC Combined<br>Multilayer Type         16         NFE61PT472C1H9         50Vdc         4700pF+80%-20%         200MHz         150mA         KC           0603         P120         0.8         NFL18ST307X1C3         16Vdc         259F+20%-20%         300MHz         200mA         KC           0603         P120         0.8         NFL18ST307X1C3         16Vdc         10pF+20%-20%         300MHz         200mA         KC           0603         P120         0.6         NFL18SP137X1A3         10Vdc         24pF+20%-20%         500MHz         100mA         KC           0.6         NFL18SP307X1A3         10Vdc         24pF+20%-20%         500MHz         100mA         KC           0.6         NFL18SP307X1A3         10Vdc         10pF+20%-20%         500MHz         100mA         KC           0.6         NFL1SP107X1C3         16Vdc         640pF+20%-20%         10MHz         100mA         KC           0.85         NFL21SP107X1C3         16Vdc         24pF+20%-20%         10MHz         100mA         KC           0.85         NFL21SP107X1C3         16Vdc         22pF+20%-20%         100MHz         200mA         KC           0.85         NFL21SP107X1C3         16Vdc         22pF+20%-20%         100MHz <td></td>  |                    |                     |                   |                 |                  |               |                                 |                  |                    |          |
| μ         μ         0.8         NFL18ST207X1C3         16 Vdc         25pF+20%-20%         300MHz         200mA         K3           0.8         NFL18ST307X1C3         16 Vdc         18pF+20%-20%         300MHz         200mA         K3           0.6         NFL18ST507X1C3         16 Vdc         18pF+20%-20%         500MHz         200mA         K3           0.6         NFL18SP307X1C3         10 Vdc         34pF+20%-20%         300MHz         100mA         K3           0.6         NFL18SP307X1A3         10 Vdc         12pF+20%-20%         300MHz         100mA         K3           0.6         NFL18SP307X1A3         10 Vdc         12pF+20%-20%         300MHz         100mA         K3           0.6         NFL18SP307X1A3         10 Vdc         12pF+20%-20%         300MHz         100mA         K3           0.6         NFL18SP307X1C3         16 Vdc         240pF+20%-20%         300MHz         100mA         K3           0.85         NFL21SP106X1C3         16 Vdc         240pF+20%-20%         300MHz         100mA         K3           0.80         NFL21SP107X1C3         16 Vdc         24pF+20%-20%         300MHz         300mA         K3           0.85         NFL21SP107X1C3  | LC Combined<br>Mutilayer Type<br>for Signal Lines         9/23         0.8         NFL18ST07X1C3         16Vdc         18pF+20%-20%         200MHz         150mA         C3           LC Combined<br>Mutilayer Type<br>for Signal Lines         0.8         NFL18SP15X1A3         10Vdc         34pF+20%-20%         500MHz         100mA         C3           0.8         NFL18SP15X1A3         10Vdc         34pF+20%-20%         300MHz         100mA         C3           0.6         NFL18SP10X1A3         10Vdc         14pF+20%-20%         300MHz         100mA         C3           0.8         NFL18SP10X1A3         10Vdc         14pF+20%-20%         300MHz         100mA         C3           0.8         NFL21SP106X1C3         16Vdc         70pF+20%-20%         300MHz         100mA         C3           0.85         NFL21SP206X1C3         16Vdc         70pF+20%-20%         20MHz         150mA         C3           0.85         NFL21SP105X1C3         16Vdc         24pF+20%-20%         20MHz         200mA         C3           0.805         NFL21SP107X1C3         16Vdc         24pF+20%-20%         20MHz         200mA         C3           0.805         NFL21SP107X1C3         16Vdc         22pF+20%-20%         100MHz         200mA  |                    |                     |                   |                 |                  |               | -                               |                  |                    |          |
| Image: https://without.org/10.1007/10.1  | LC Combined<br>Multilayer Type<br>for Signal Lines         0.8.         NFL18ST307X1C3         16Vdc         18pF+20%-20%         300MHz         20mA         C           LC Combined<br>Multilayer Type<br>for Signal Lines         0.6.         NFL18SP157X1A3         10Vdc         24pF+20%-20%         150MHz         100mA         C           No         NFL18SP307X1A3         10Vdc         24pF+20%-20%         300MHz         100mA         C           0.6.         NFL18SP307X1A3         10Vdc         24pF+20%-20%         500MHz         100mA         C           0.6.         NFL18SP307X1A3         10Vdc         19pF+20%-20%         500MHz         100mA         C           0.6.         NFL18SP307X1A3         10Vdc         10Vdc         24pF+20%-20%         500MHz         100mA         C           0.8.         NFL21SP106X1C3         16Vdc         640pF+20%-20%         50MHz         100mA         C           0.8.         NFL21SP107X1C3         16Vdc         24pF+20%-20%         50MHz         200mA         C           0.8.5         NFL21SP107X1C3         16Vdc         22pF+20%-20%         150MHz         200mA         C           0.8.6         NFL21SP207X1C3         16Vdc         12pF+10%-10%         300MHz         300mA  |                    |                     |                   |                 |                  | •             | -                               |                  |                    |          |
| Image: Provided in the second secon  | LC Combined<br>Mutilayer Type<br>for Signal Lines         0.8.8         NFL18SP57X1A3         10Vdc         34pF+20%-20%         500MHz         20mA         C           0.6.         NFL18SP207X1A3         10Vdc         34pF+20%-20%         300MHz         100mA         C           0.6.         NFL18SP207X1A3         10Vdc         12pF+20%-20%         300MHz         100mA         C           0.6.         NFL18SP207X1A3         10Vdc         19pF+20%-20%         300MHz         100mA         C           0.8.5         NFL21SP106X1C3         16Vdc         70pF+20%-20%         20MHz         100mA         C           0.8.5         NFL21SP206X1C3         16Vdc         70pF+20%-20%         20MHz         100mA         C           0.8.5         NFL21SP205X1C3         16Vdc         44pF+20%-20%         100MHz         20mA         C           0.8.5         NFL21SP107X1C3         16Vdc         22pF+20%-20%         100MHz         20mA         C           0.8.5         NFL21SP307X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         C           0.8.5         NFL21SP307X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         C           0.8.5         NFL21SP307X1C3 <td></td> <td>p123</td> <td></td> <td></td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td>   |                    | p123                |                   |                 |                  | •             |                                 |                  |                    |          |
| LC Combined<br>Multilayer Type<br>for Signal Lines         0.6.         NFL18SP207X1A3         10Vdc         24pF+20%-20%         150MHz         100mA         ICI           NL C Combined<br>Multilayer Type<br>for Signal Lines         0.6.         NFL18SP307X1A3         10Vdc         1ppF+20%-20%         300MHz         100mA         ICI           Nutlilayer Type<br>for Signal Lines         nP128         0.85         NFL21SP106X1C3         16Vdc         670pF+20%-20%         20MHz         100mA         ICI           0.85         NFL21SP106X1C3         16Vdc         670pF+20%-20%         20MHz         150mA         ICI           0.85         NFL21SP106X1C3         16Vdc         840pF+20%-20%         20MHz         150mA         ICI           0.85         NFL21SP106X1C3         16Vdc         240pF+20%-20%         70MHz         150mA         ICI           0.85         NFL21SP107X1C3         16Vdc         22pF+20%-20%         100MHz         200mA         ICI           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         ICI           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         ICI           0.85         NFL31SP307X1C3         16Vdc         1  | LC Combined<br>Multilayer Type<br>for Signal Lines         0.6         NFL18SP207X1A3         10Vdc         24pF+20%-20%         150MHz         100mA         16           NP128         0.6         NFL18SP207X1A3         10Vdc         24pF+20%-20%         300MHz         100mA         16           Multilayer Type<br>for Signal Lines         0.6         NFL18SP207X1A3         10Vdc         11pF+20%-20%         500MHz         100mA         16           0.6         NFL18SP207X1A3         10Vdc         11pF+20%-20%         500MHz         100mA         16           0.85         NFL21SP106X1C3         16Vdc         240pF+20%-20%         20MHz         100mA         16           0.85         NFL21SP107X1C3         16Vdc         76pF+20%-20%         70MHz         150mA         16           0.85         NFL21SP107X1C3         16Vdc         22pF+20%-20%         100MHz         200mA         16           0.85         NFL21SP107X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         16           0.85         NFL21SP207X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         16           0.85         NFL21SP207X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         16  |                    |                     |                   |                 |                  | •             |                                 |                  |                    |          |
| LC Combined<br>Multilayer Type<br>for Signal Lines         0.6         NFL18SP207X1A3         10Vdc         24pF+20%-20%         200MHz         100mA         IG           NLC Combined<br>Multilayer Type<br>for Signal Lines         P <sup>125</sup> 0.85         NFL21SP206X1C3         16Vdc         670pF+20%-20%         500MHz         100mA         IG           0.85         NFL21SP206X1C7         16Vdc         640pF+20%-20%         500MHz         100mA         IG           0.85         NFL21SP206X1C3         16Vdc         640pF+20%-20%         500MHz         100mA         IG           0.85         NFL21SP506X1C3         16Vdc         440pF+20%-20%         500MHz         200mA         IG           0.85         NFL21SP507X1C3         16Vdc         28pF+20%-20%         100MHz         200mA         IG           0.85         NFL21SP507X1C3         16Vdc         28pF+20%-20%         100MHz         300mA         IG           0.85         NFL21SP507X1C3         16Vdc         16pF+10%-10%         300MHz         300mA         IG           0.85         NFL21SP507X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         IG           0.85         NFL21SP507X1C3         16Vdc         16pF+10%-10%         500MHz         300  | LC Combined<br>Multilayer Type<br>for Signal Lines         0.6         NFL18SP207X1A3         10Vdc         24pF+20%-20%         200MHz         100mA         IG           0.6         NFL18SP207X1A3         10Vdc         19pF+20%-20%         500MHz         100mA         IG           0.6         NFL18SP207X1A3         10Vdc         11pF+20%-20%         500MHz         100mA         IG           0.6         NFL18SP507X1A3         10Vdc         240pF+20%-20%         20MHz         100mA         IG           0.61         NFL21SP106X1C3         16Vdc         240pF+20%-20%         50MHz         150mA         IG           0.85         NFL21SP107X1C3         16Vdc         24pF+20%-20%         100MHz         200mA         IG           0.85         NFL21SP107X1C3         16Vdc         24pF+20%-20%         100MHz         200mA         IG           0.85         NFL21SP107X1C3         16Vdc         24pF+20%-20%         200MHz         200mA         IG           0.80         NFL21SP107X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         IG           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         IG           0.85         NFL21SP307X1C  |                    |                     |                   |                 |                  |               |                                 |                  |                    |          |
| LC Combined<br>Multilayer Type<br>for Signal Lines         0.6         NFL18SP307X1A3         10Vdc         19pF+20%-20%         300MHz         100mA         IG           0.6         NFL18SP507X1A3         10Vdc         11pF+20%-20%         500MHz         100mA         IG           0.85         NFL21SP106X1C3         16Vdc         6705F+20%-20%         20MHz         100mA         IG           0.85         NFL21SP106X1C3         16Vdc         240pF+20%-20%         50MHz         150mA         IG           0.85         NFL21SP106X1C3         16Vdc         240pF+20%-20%         50MHz         150mA         IG           0.85         NFL21SP107X1C3         16Vdc         240pF+20%-20%         100MHz         200mA         IG           0.85         NFL21SP207X1C3         16Vdc         220pF+20%-20%         100MHz         300mA         IG           0.85         NFL21SP307X1C3         16Vdc         120pF+10%-10%         300MHz         300mA         IG           0.85         NFL21SP307X1C3         16Vdc         120pF+10%-10%         300MHz         300mA         IG           0.85         NFL21SP507X1C3         16Vdc         120pF+10%-10%         300MHz         300mA         IG           0.85         NFL21S  | LC Combined<br>Multilayer Type<br>for Signal Lines         0.6         NFL18SP307X1A3         10Vdc         119F+20%-20%         300MHz         100mA         KG           0.6         NFL18SP507X1A3         10Vdc         119F+20%-20%         500MHz         100mA         KG           0.85         NFL21SP160X1C3         16Vdc         670gF+20%-20%         20MHz         100mA         KG           0.85         NFL21SP160X1C3         16Vdc         240pF+20%-20%         50MHz         150mA         KG           0.85         NFL21SP160X1C3         16Vdc         240pF+20%-20%         70MHz         100mA         KG           0.85         NFL21SP160X1C3         16Vdc         240pF+20%-20%         100MHz         200mA         KG           0.85         NFL21SP160X1C3         16Vdc         22pF+20%-20%         200MHz         200mA         KG           0.85         NFL21SP160X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         KG           0.85         NFL21SP160X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         KG           0.85         NFL21SP160X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         KG           0.80         NFL31SP107  |                    | 0603 p124           | 0.6               | NFL18SP157X1A3  | 10Vdc            | 34pF+20%-20%  | 150MHz                          | 100mA            |                    |          |
| LC Combined<br>Multilayer Type<br>for Signal Lines0.6NFL18SP507X1A310Vdc11pF+20%-20%500MHz100mAICG0.85NFL21SP206X1C716Vdc240pF+20%-20%20MHz100mAICG0.85NFL21SP206X1C316Vdc240pF+20%-20%50MHz150mAICG0.85NFL21SP706X1C316Vdc44pF+20%-20%70MHz150mAICG0.85NFL21SP707X1C316Vdc44pF+20%-20%150MHz200mAICG0.85NFL21SP207X1C316Vdc22pF+20%-20%150MHz200mAICG0.85NFL21SP207X1C316Vdc12pF+10%-10%300mL2300mAICG0.85NFL21SP207X1C316Vdc12pF+10%-10%400MHz300mAICG0.85NFL21SP307X1C316Vdc12pF+10%-10%400MHz300mAICG0.85NFL21SP307X1C316Vdc12pF+10%-10%400MHz300mAICG0.85NFL21SP307X1C316Vdc10PT130MHz50mAICG0.86NFA18SL207V1A4510Vdc-130MHz50mAICG0.6NFA18SL207V1A4510Vdc-200MHz100mAICG0.6NFA18SL207V1A4510Vdc-300MHz100mAICG0.5NFA18SL407V1A4510Vdc-200MHz100mAICG0.6NFA18SL207V1A4510Vdc-200MHz100mAICG0.6NFA18SL207V1A4510Vdc-200MHz100mAICG </td <td>LC Combined<br/>Multilayer Type<br/>for Signal Lines0.6NFL18SP507X1A310Vdc11pF+20%-20%500MHz100mAKG0.85NFL21SP20K2C716Vdc670pF+20%-20%10MHz100mAKG0.85NFL21SP20K2C316Vdc76pF+20%-20%50MHz150mAKG0.85NFL21SP20K1C316Vdc76pF+20%-20%70MHz150mAKG0.85NFL21SP10TX1C316Vdc44pF+20%-20%100MHz200mAKG0.85NFL21SP10TX1C316Vdc22pF+20%-20%150MHz200mAKG0.85NFL21SP10TX1C316Vdc22pF+20%-20%200MHz200mAKG0.85NFL21SP10TX1C316Vdc19pF+10%-10%300mAKG0.85NFL21SP10TX1C316Vdc19pF+10%-10%300mAKG0.85NFL21SP10TX1C316Vdc10pF+10%-10%300mAKG0.85NFL21SP10TX1C316Vdc10pF+10%-10%300mAKG0.85NFL21SP10TX1C316Vdc10pF+10%-10%300mAKG0.85NFL21SP10TX1C310Vdc-130MHz300mAKG0.85NFL21SP10TX1C310Vdc-130MHz50mAKG0.86NFA18SL20TV1A4510Vdc-200MHz50mAKG0.60NFA18SL20TV1A4510Vdc-200MHz50mAKG0.61NFA18SL30TV1A4510Vdc-200MHz100mAKG0.75NFA18SL30TV1A4510Vdc-200M</td> <td></td> <td></td> <td>0.6</td> <td>NFL18SP207X1A3</td> <td>10Vdc</td> <td></td> <td>200MHz</td> <td>100mA</td> <td></td> <td></td>   | LC Combined<br>Multilayer Type<br>for Signal Lines0.6NFL18SP507X1A310Vdc11pF+20%-20%500MHz100mAKG0.85NFL21SP20K2C716Vdc670pF+20%-20%10MHz100mAKG0.85NFL21SP20K2C316Vdc76pF+20%-20%50MHz150mAKG0.85NFL21SP20K1C316Vdc76pF+20%-20%70MHz150mAKG0.85NFL21SP10TX1C316Vdc44pF+20%-20%100MHz200mAKG0.85NFL21SP10TX1C316Vdc22pF+20%-20%150MHz200mAKG0.85NFL21SP10TX1C316Vdc22pF+20%-20%200MHz200mAKG0.85NFL21SP10TX1C316Vdc19pF+10%-10%300mAKG0.85NFL21SP10TX1C316Vdc19pF+10%-10%300mAKG0.85NFL21SP10TX1C316Vdc10pF+10%-10%300mAKG0.85NFL21SP10TX1C316Vdc10pF+10%-10%300mAKG0.85NFL21SP10TX1C316Vdc10pF+10%-10%300mAKG0.85NFL21SP10TX1C310Vdc-130MHz300mAKG0.85NFL21SP10TX1C310Vdc-130MHz50mAKG0.86NFA18SL20TV1A4510Vdc-200MHz50mAKG0.60NFA18SL20TV1A4510Vdc-200MHz50mAKG0.61NFA18SL30TV1A4510Vdc-200MHz100mAKG0.75NFA18SL30TV1A4510Vdc-200M   |                    |                     | 0.6               | NFL18SP207X1A3  | 10Vdc            |               | 200MHz                          | 100mA            |                    |          |
| LC Combined<br>Multiayer Type<br>for Signal Lines<br>ρ1280.85NFL21SP106X1C316Vdc240pF+20%-20%<br>240pF+20%-20%20MHz100mAKG0.85NFL21SP206X1C316Vdc84pF+20%-20%50MHz150mAKG0.86NFL21SP106X1C316Vdc76pF+20%-20%70MHz150mAKG0.85NFL21SP107X1C316Vdc24pF+20%-20%100MHz200mAKG0.85NFL21SP107X1C316Vdc22pF+20%-20%150MHz200mAKG0.85NFL21SP307X1C316Vdc22pF+20%-20%200MHz200mAKG0.85NFL21SP307X1C316Vdc16pF+10%-10%300MHz300mAKG0.85NFL21SP307X1C316Vdc12pF+10%-10%300MHz300mAKG0.85NFL21SP307X1C316Vdc12pF+10%-10%300MHz300mAKG0.85NFL21SP307X1C316Vdc12pF+10%-10%300MHz300mAKG0.85NFL21SP307X1C316Vdc-130MHz50mAKG0.60NFA18SL307V1A4510Vdc-200MHz25mANG0.61NFA18SL307V1A4510Vdc-200MHz100mAKG0.62NFA18SL307V1A4510Vdc-300MHz100mAKG0.63NFA18SL307V1A4510Vdc-200MHz25mANG0.63NFA18SL307V1A4510Vdc-200MHz100mAKG0.64NFA18SL307V1A4510Vdc-200MHz10m   | LC Combined<br>Multilayer Type<br>for Signal Lines         P <sup>125</sup> 0.85         NFL21SP106X1C3         16Vdc         670pF+20%-20%         20MHz         100mA         K3           0.85         NFL21SP206X1C3         16Vdc         240pF+20%-20%         20MHz         150mA         K3           0.85         NFL21SP206X1C3         16Vdc         760pF+20%-20%         70MHz         150mA         K3           0.85         NFL21SP107X1C3         16Vdc         76pF+20%-20%         100MHz         200mA         K3           0.85         NFL21SP207X1C3         16Vdc         28pF+20%-20%         200MHz         250mA         K3           0.85         NFL21SP207X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         K3           0.85         NFL21SP207X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         K3           0.85         NFL21SP207X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         K3           0.85         NFL21SP207X1C3         16Vdc         12pF+10%-10%         400MHz         300mA         K3           0.85         NFL21SP207X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         K3         10% <tr< td=""><td></td><td></td><td>0.6</td><td>NFL18SP307X1A3</td><td>10Vdc</td><td>19pF+20%-20%</td><td>300MHz</td><td>100mA</td><td>Kit</td><td></td></tr<>  |                    |                     | 0.6               | NFL18SP307X1A3  | 10Vdc            | 19pF+20%-20%  | 300MHz                          | 100mA            | Kit                |          |
| Multilayer Type<br>for Signal Lines         0.85         NFL21SP206X1C7         16Vdc         240pF+20%-20%         20MHz         100mA         Kd           0.86         NFL21SP506X1C3         16Vdc         84pF+20%-20%         70MHz         150mA         Kd           0.85         NFL21SP106X1C3         16Vdc         76pF+20%-20%         100MHz         200mA         Kd           0.85         NFL21SP107X1C3         16Vdc         28pF+20%-20%         100MHz         200mA         Kd           0.85         NFL21SP107X1C3         16Vdc         28pF+20%-20%         200MHz         300mA         Kd           0.85         NFL21SP307X1C3         16Vdc         16pF+10%-10%         300MHz         300mA         Kd           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         Kd           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         50mA         Kd         D70           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         Kd           0.6         NFA18SL307V1A45         10Vdc         -         130MHz         50mA         Kd         D70           0.60         NFA18SL307V1A45 </td <td>Multilayer Type<br/>for Signal Lines         0.85         NFL21SP206X1C7         16Vdc         240pF+20%-20%         20MHz         100mA         Kt           0.85         NFL21SP506X1C3         16Vdc         84pF+20%-20%         50MHz         150mA         Kt           0.85         NFL21SP107X1C3         16Vdc         44pF+20%-20%         70MHz         150mA         Kt           0.85         NFL21SP107X1C3         16Vdc         24pF+20%-20%         100MHz         200mA         Kt           0.85         NFL21SP107X1C3         16Vdc         22pF+20%-20%         200MHz         300mA         Kt           0.85         NFL21SP107X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         Kt           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         400MHz         300mA         Kt           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         Kt         07m           0.85         NFL21SP307X1C3         16Vdc         -         130MHz         50mA         Kt         07m           0.6         NFA18SL37V1A45         10Vdc         -         130MHz         50mA         Kt         07m           0.6<td></td><td></td><td>0.6</td><td>NFL18SP507X1A3</td><td>10Vdc</td><td>11pF+20%-20%</td><td>500MHz</td><td>100mA</td><td>Kit</td><td></td></td>                      | Multilayer Type<br>for Signal Lines         0.85         NFL21SP206X1C7         16Vdc         240pF+20%-20%         20MHz         100mA         Kt           0.85         NFL21SP506X1C3         16Vdc         84pF+20%-20%         50MHz         150mA         Kt           0.85         NFL21SP107X1C3         16Vdc         44pF+20%-20%         70MHz         150mA         Kt           0.85         NFL21SP107X1C3         16Vdc         24pF+20%-20%         100MHz         200mA         Kt           0.85         NFL21SP107X1C3         16Vdc         22pF+20%-20%         200MHz         300mA         Kt           0.85         NFL21SP107X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         Kt           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         400MHz         300mA         Kt           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         Kt         07m           0.85         NFL21SP307X1C3         16Vdc         -         130MHz         50mA         Kt         07m           0.6         NFA18SL37V1A45         10Vdc         -         130MHz         50mA         Kt         07m           0.6 <td></td> <td></td> <td>0.6</td> <td>NFL18SP507X1A3</td> <td>10Vdc</td> <td>11pF+20%-20%</td> <td>500MHz</td> <td>100mA</td> <td>Kit</td> <td></td>   |                    |                     | 0.6               | NFL18SP507X1A3  | 10Vdc            | 11pF+20%-20%  | 500MHz                          | 100mA            | Kit                |          |
| for Signal Lines         0.85         NFL21SP506X1C3         16Vdc         84pF+20%-20%         50MHz         150mA         K           0.805         NFL21SP107X1C3         16Vdc         76pF+20%-20%         70MHz         150mA         K           0.805         NFL21SP107X1C3         16Vdc         24pF+20%-20%         100MHz         200mA         K           0.85         NFL21SP107X1C3         16Vdc         22pF+20%-20%         200MHz         250mA         K           0.85         NFL21SP307X1C3         16Vdc         16Pdc         22pF+20%-20%         200MHz         300mA         K           0.85         NFL21SP307X1C3         16Vdc         16Pdc         12pF+10%-10%         300MHz         300mA         K           0.85         NFL21SP507X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         K           0.85         NFL21SP507X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         K         0           0.85         NFL21SP507X1C3         16Vdc         -         130MHz         50mA         K         0           0.6         NFA18SL207V1A45         10Vdc         -         130MHz         50mA         K         0   | for Signal Lines         0.85         NFL21SP506X1C3         16Vdc         84pF+20%-20%         50MHz         150mA         K3           0.85         NFL21SP106X1C3         16Vdc         76pF+20%-20%         70MHz         150mA         K3           0.85         NFL21SP107X1C3         16Vdc         24pF+20%-20%         150MHz         200mA         K3           0.85         NFL21SP107X1C3         16Vdc         22pF+20%-20%         150MHz         200mA         K3           0.85         NFL21SP307X1C3         16Vdc         19pF+10%-10%         300MHz         300mA         K3           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         300mHz         300mA         K3           0.85         NFL21SP507X1C3         16Vdc         12pF+10%-10%         300mHz         300mA         K3           0.85         NFL21SP507X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         K3           0.85         NFL21SP507X1C3         16Vdc         -         130MHz         50mA         K3         D7           0.85         NFA18SL307V1A45         10Vdc         -         200MHz         50mA         K3         D7           0.60         NFA18SL307V1A45   | LC Combined        | p125                | 0.85              | NFL21SP106X1C3  | 16Vdc            | 670pF+20%-20% | 10MHz                           | 100mA            | Kit                |          |
| for Signal Lines         0.85         NFL21SP506X1C3         16Vdc         84pF+20%-20%         50MHz         150mA         KC           0.805         NFL21SP706X1C3         16Vdc         76pF+20%-20%         70MHz         200mA         KC           0.805         NFL21SP107X1C3         16Vdc         24pF+20%-20%         100MHz         200mA         KC           0.85         NFL21SP107X1C3         16Vdc         22pF+20%-20%         200MHz         250mA         KC           0.85         NFL21SP307X1C3         16Vdc         10pF+10%-10%         300MHz         300mA         KC           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         KC           0.85         NFL21SP507X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         KC           0.85         NFL21SP507X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         KC           0.85         NFL21SP507X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         KC           0.85         NFL21SP507X1C3         16Vdc         -         130MHz         50mA         KC         DW           0.6         NFA18SL207V1A45         <  | for Signal Lines0.85NFL21SP506X1C316Vdc84pF+20%-20%50MHz150mAK0.85NFL21SP107X1C316Vdc76pF+20%-20%70MHz200mAK0.85NFL21SP157X1C316Vdc24pF+20%-20%150MHz200mAK0.85NFL21SP157X1C316Vdc22pF+20%-20%200MHz250mAK0.85NFL21SP307X1C316Vdc19pF+10%-10%300MHz300mAK0.85NFL21SP307X1C316Vdc12pF+10%-10%300mAK0.85NFL21SP507X1C316Vdc12pF+10%-10%300mAK0.85NFL21SP507X1C316Vdc12pF+10%-10%500MHz300mAK0.85NFL21SP507X1C316Vdc12pF+10%-10%500MHz300mAK0.85NFL21SP507X1C310Vdc-130MHz50mAKDW0.6NFA18SL307V1A4510Vdc-200MHz50mAKDW0.6NFA18SL307V1A4510Vdc-300MHz100mAKDW0.5NFA18SL307V1A4510Vdc-300MHz100mAKDW0.5NFA18SL307V1A4510Vdc-480MHz100mAKDWDWK0.5NFA18SL307V1A4510Vdc-300MHz25mAKDWDWKDWDWKDWDWKDWDWKDWDWKDWDWKDWDWKDWDWK <t< td=""><td>Multilayer Type</td><td></td><td>0.85</td><td>NFL21SP206X1C7</td><td>16Vdc</td><td>240pF+20%-20%</td><td>20MHz</td><td>100mA</td><td>Kit</td><td></td></t<>  | Multilayer Type    |                     | 0.85              | NFL21SP206X1C7  | 16Vdc            | 240pF+20%-20% | 20MHz                           | 100mA            | Kit                |          |
| LC combined<br>Array Type<br>for Signal Lines         0.85         NFL21SP107X1C3         16Vdc         76pF+20%-20%         70MHz         150mA         KG           0.85         NFL21SP107X1C3         16Vdc         28pF+20%-20%         100MHz         200mA         KG           0.85         NFL21SP107X1C3         16Vdc         28pF+20%-20%         200MHz         250mA         KG           0.85         NFL21SP207X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         KG           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         400MHz         300mA         KG           0.6         NFA18SL137V1A45         10Vdc         -         130MHz         50mA         KG         D7           0.603         NFA18SL307V1A45         10Vdc         -         200MHz         100mA         KG           0.5         NFA18SL307V1A45 </td <td>LC Combined<br/>Array Type<br/>for Signal Lines         0.85         NFL21SP706X1C3         16Vdc         76pF+20%-20%         70MHz         150mA         K3           0.805         NFL21SP107X1C3         16Vdc         44pF+20%-20%         100MHz         200mA         K3           0.85         NFL21SP107X1C3         16Vdc         28pF+20%-20%         200MHz         200mA         K3           0.85         NFL21SP307X1C3         16Vdc         28pF+20%-20%         200MHz         300mA         K3           0.85         NFL21SP307X1C3         16Vdc         19pF+10%-10%         300mA         K3           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         300mA         K3           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         300mA         K3           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         300mA         K3           0.85         NFL21SP307X1C3         16Vdc         -         130MHz         300mA         K3           0.66         NFA18SL37V1A45         10Vdc         -         200MHz         50mA         K6         D7           0.61         NFA18SL307V1A45         10Vdc         -         200MHz         100mA</td> <td></td> <td></td> <td>0.85</td> <td>NFL21SP506X1C3</td> <td>16Vdc</td> <td>84pF+20%-20%</td> <td>50MHz</td> <td>150mA</td> <td>Kit</td> <td></td> | LC Combined<br>Array Type<br>for Signal Lines         0.85         NFL21SP706X1C3         16Vdc         76pF+20%-20%         70MHz         150mA         K3           0.805         NFL21SP107X1C3         16Vdc         44pF+20%-20%         100MHz         200mA         K3           0.85         NFL21SP107X1C3         16Vdc         28pF+20%-20%         200MHz         200mA         K3           0.85         NFL21SP307X1C3         16Vdc         28pF+20%-20%         200MHz         300mA         K3           0.85         NFL21SP307X1C3         16Vdc         19pF+10%-10%         300mA         K3           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         300mA         K3           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         300mA         K3           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         300mA         K3           0.85         NFL21SP307X1C3         16Vdc         -         130MHz         300mA         K3           0.66         NFA18SL37V1A45         10Vdc         -         200MHz         50mA         K6         D7           0.61         NFA18SL307V1A45         10Vdc         -         200MHz         100mA  |                    |                     | 0.85              | NFL21SP506X1C3  | 16Vdc            | 84pF+20%-20%  | 50MHz                           | 150mA            | Kit                |          |
| 08050.85NFL21SP107X1C316Vdc44pF+20%-20%100MHz200mAKT0.85NFL21SP157X1C316Vdc28pF+20%-20%200MHz250mAKT0.85NFL21SP307X1C316Vdc22pF+20%-20%200MHz300mAKT0.85NFL21SP307X1C316Vdc19pF+10%-10%300MHz300mAKT0.85NFL21SP507X1C316Vdc12pF+10%-10%500MHz300mAKT0.85NFL21SP507X1C316Vdc12pF+10%-10%500MHz300mAKT0.85NFL21SP507X1C316Vdc-130MHz50mAKT0.85NFA18SL187V1A4510Vdc-130MHz50mAKT0.6NFA18SL187V1A4510Vdc-200MHz50mAKT0.6NFA18SL187V1A4510Vdc-200MHz25mAKT0.6NFA18SL307V1A4510Vdc-300MHz100mAKT0.6NFA18SL307V1A4510Vdc-300HLz100mAKT0.5NFA18SL487V1A4510Vdc-50MHz25mAKT0.6NFA18SL307V1A4510Vdc-50MHz25mAKT0.5NFA18SL487V1A4510Vdc-300HLz25mAKT0.6NFA18SL207V1A4510Vdc-300HLz25mAKT0.6NFA18SL307V1A4510Vdc-310HLz100mAKT0.6NFA18SL307V1A4510Vdc-310HLz25mAKT <td< td=""><td>LC Combined<br/>Array Type<br/>for Signal Lines         0.85         NFL21SP107X1C3         16Vdc         44pF+20%-20%         100MHz         200mA         CG           0.85         NFL21SP157X1C3         16Vdc         22pF+20%-20%         150MHz         200mA         CG           0.85         NFL21SP307X1C3         16Vdc         22pF+20%-20%         200MHz         200mA         CG           0.85         NFL21SP307X1C3         16Vdc         19pF+10%-10%         300MLZ         300mA         CG           0.85         NFL21SP507X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         CG           0.85         NFL21SP507X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         CG           0.6         NFA18SL187V1A45         10Vdc         -         130MHz         50mA         CG         D0           0.6         NFA18SL307V1A45         10Vdc         -         200MHz         20mA         CG         D0         D0         G         NG CD         D0         GC         NG CD         D0         GC         D0         GC         NG CD         D0         GC         D0         GC         GC         D0         GC         D0         GC         D0         &lt;</td><td>-</td><td></td><td>0.85</td><td>NFL21SP706X1C3</td><td>16Vdc</td><td>76pF+20%-20%</td><td></td><td></td><td>Kit</td><td></td></td<>  | LC Combined<br>Array Type<br>for Signal Lines         0.85         NFL21SP107X1C3         16Vdc         44pF+20%-20%         100MHz         200mA         CG           0.85         NFL21SP157X1C3         16Vdc         22pF+20%-20%         150MHz         200mA         CG           0.85         NFL21SP307X1C3         16Vdc         22pF+20%-20%         200MHz         200mA         CG           0.85         NFL21SP307X1C3         16Vdc         19pF+10%-10%         300MLZ         300mA         CG           0.85         NFL21SP507X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         CG           0.85         NFL21SP507X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         CG           0.6         NFA18SL187V1A45         10Vdc         -         130MHz         50mA         CG         D0           0.6         NFA18SL307V1A45         10Vdc         -         200MHz         20mA         CG         D0         D0         G         NG CD         D0         GC         NG CD         D0         GC         D0         GC         NG CD         D0         GC         D0         GC         GC         D0         GC         D0         GC         D0         <   | -                  |                     | 0.85              | NFL21SP706X1C3  | 16Vdc            | 76pF+20%-20%  |                                 |                  | Kit                |          |
| LC combined<br>Array Type<br>for Signal Lines         0.85         NFL21SP157X1C3         16Vdc         28pF+20%-20%         150MHz         200mA         KC           0.85         NFL21SP307X1C3         16Vdc         22pF+20%-20%         200MHz         250mA         KG           0.85         NFL21SP307X1C3         16Vdc         19pF+10%-10%         300MHz         300mA         KG           0.85         NFL21SP507X1C3         16Vdc         16pF+10%-10%         500MHz         300mA         KG           0.85         NFL21SP507X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         KG           0.85         NFL21SP507X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         KG           0.85         NFL21SP507X1C3         16Vdc         -         130MHz         50mA         KG         DW           0.85         NFL21SP507X1C3         10Vdc         -         130MHz         50mA         KG         DW           0.6         NFA18SL307V1A45         10Vdc         -         200MHz         50mA         KG         DW           0.603         0.5         NFA18SL307V1A45         10Vdc         -         300MHz         100mA         KG  | LC Combined<br>Array Type<br>for Signal Lines         0805         NFL21SP157X1C3         16Vdc         28pF+20%-20%         200MHz         200mA         Kf           0.85         NFL21SP307X1C3         16Vdc         19pF+10%-10%         300MHz         300mA         Kf           0.85         NFL21SP307X1C3         16Vdc         19pF+10%-10%         300MHz         300mA         Kf           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         300MHz         300mA         Kf           0.85         NFL21SP307X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         Kf           0.85         NFL21SP507X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         Kf           0.85         NFL21SP507X1C3         16Vdc         -         130MHz         50mA         Kf         DT           0.6         NFA18SL137V1A45         10Vdc         -         200MHz         50mA         Kf         DT           0.60         NFA18SL227V1A45         10Vdc         -         300MHz         100mA         Kf         DT           0.61         NFA18SL307V1A45         10Vdc         -         480MHz         100mA         Kf         DT  |                    |                     |                   |                 |                  |               |                                 |                  |                    |          |
| LC combined<br>Array Type<br>for Signal Lines0.85NFL21SP207X1C316Vdc22pF+20%-20%200MHz250mAIG0.85NFL21SP307X1C316Vdc19pF+10%-10%300mHz300mAIG0.85NFL21SP407X1C316Vdc16pF+10%-10%400MHz300mAIG0.85NFL21SP507X1C316Vdc12pF+10%-10%500MHz300mAIG0.85NFL21SP507X1C316Vdc12pF+10%-10%50mAIGDV0.85NFL21SP507X1C310Vdc-130MHz50mAIGDV0.6NFA18SL137V1A4510Vdc-200MHz50mAIGDV0.6NFA18SL227V1A4510Vdc-200MHz25mAIGDV0.6NFA18SL307V1A4510Vdc-300MHz100mAIG0.60NFA18SL307V1A4510Vdc-300MHz100mAIG0.60NFA18SL307V1A4510Vdc-480MHz100mAIG0.60NFA18SL307V1A4510Vdc-180MHz25mAIG0.60NFA18SL307V1A4510Vdc-280MHz100mAIG0.61NFA18SL307V1A4510Vdc-280MHz25mAIG0.62NFA18SL307V1A4510Vdc-280MHz100mAIG0.63NFA18SL307V1A4510Vdc-280MHz100mAIG0.64NFA18SL307V1A4510Vdc-280MHz100mAIG0.64NFA18SL307V1A45 <t< td=""><td>LC Combined<br/>Array Type<br/>for Signal Lines0.85NFL21SP207X1C316Vdc22pF+20%-20%200MHz250mAK0.85NFL21SP307X1C316Vdc19pF+10%-10%300MHz300MHz300mAK0.85NFL21SP507X1C316Vdc16pF+10%-10%400MHz300mAK0.85NFL21SP507X1C316Vdc12pF+10%-10%500MHz300mAK0.6NFA18SL137V1A4510Vdc-130MHz50mAKDr0.6NFA18SL307V1A4510Vdc-200MHz50mAKDr0.6NFA18SL307V1A4510Vdc-220MHz25mAKDr0.6NFA18SL307V1A4510Vdc-200MHz100mAKDr0.6003NFA18SL407V1A4510Vdc-300MHz100mAKDr0.60140.5NFA18SL407V1A4510Vdc-400MHz100mAK0.5NFA18SL407V1A4510Vdc-400MHz100mAK0.60140.6NFA18SD207X1A4510Vdc-180MHz25mAK0.6NFA18SD207X1A4510Vdc-280MHz100mAK0.6NFA18SD207X1A4510Vdc-280MHz100mAK0.70.6NFA21SL287V1A4510Vdc-280MHz100mAK0.6NFA21SL287V1A4510Vdc-280MHz100mAK0.70.5NFA21SL287V1A4510Vdc-280MHz100m</td><td></td><td>0805</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>  | LC Combined<br>Array Type<br>for Signal Lines0.85NFL21SP207X1C316Vdc22pF+20%-20%200MHz250mAK0.85NFL21SP307X1C316Vdc19pF+10%-10%300MHz300MHz300mAK0.85NFL21SP507X1C316Vdc16pF+10%-10%400MHz300mAK0.85NFL21SP507X1C316Vdc12pF+10%-10%500MHz300mAK0.6NFA18SL137V1A4510Vdc-130MHz50mAKDr0.6NFA18SL307V1A4510Vdc-200MHz50mAKDr0.6NFA18SL307V1A4510Vdc-220MHz25mAKDr0.6NFA18SL307V1A4510Vdc-200MHz100mAKDr0.6003NFA18SL407V1A4510Vdc-300MHz100mAKDr0.60140.5NFA18SL407V1A4510Vdc-400MHz100mAK0.5NFA18SL407V1A4510Vdc-400MHz100mAK0.60140.6NFA18SD207X1A4510Vdc-180MHz25mAK0.6NFA18SD207X1A4510Vdc-280MHz100mAK0.6NFA18SD207X1A4510Vdc-280MHz100mAK0.70.6NFA21SL287V1A4510Vdc-280MHz100mAK0.6NFA21SL287V1A4510Vdc-280MHz100mAK0.70.5NFA21SL287V1A4510Vdc-280MHz100m   |                    | 0805                |                   |                 |                  |               |                                 |                  |                    |          |
| LC combined<br>Array Type<br>for Signal Lines         0.85         NFL21SP307X1C3         16Vdc         19pF+10%-10%         300MHz         300mA         Kr           0.85         NFL21SP407X1C3         16Vdc         16pF+10%-10%         400MHz         300mA         Kr           0.85         NFL21SP507X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         Kr           0.85         NFL21SP507X1C3         16Vdc         -         130MHz         50mA         Kr           0.60         NFA18SL137V1A45         10Vdc         -         130MHz         50mA         Kr         Dr           0.6         NFA18SL207V1A45         10Vdc         -         200MHz         50mA         Kr         Dr           0.60         NFA18SL207V1A45         10Vdc         -         200MHz         100mA         Kr           0.61         NFA18SL307V1A45         10Vdc         -         300MHz         100mA         Kr           0.63         NFA18SL307V1A45         10Vdc         -         400MHz         100mA         Kr           0.64         NFA18SL307V1A45         10Vdc         -         400MHz         25mA         Kr           0.65         NFA18SL307V1A45         10Vdc   | LC Combined<br>Array Type<br>for Signal Lines         9/28         NFL21SP307X1C3         16Vdc         19pF+10%-10%         300MHz         300mA         Kr           0.85         NFL21SP407X1C3         16Vdc         16pF+10%-10%         400MHz         300mA         Kr           0.85         NFL21SP507X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         Kr           0.6         NFA18SL137V1A45         10Vdc         -         130MHz         50mA         Kr         Dr           0.6         NFA18SL207V1A45         10Vdc         -         200MHz         50mA         Kr         Dr           0.6         NFA18SL207V1A45         10Vdc         -         200MHz         25mA         Kr         Kr         Dr           0.6         NFA18SL407V1A45         10Vdc         -         400MHz         100mA         Kr         Dr           0.5         NFA18SL407V1A45         10Vdc         -         400MHz         100mA         Kr           0.6         NFA18SL487V1A45         10Vdc         -         400MHz         100mA         Kr           0.6         NFA18SL506X1A45         10Vdc         -         25mA         Kr         Dr           0.720 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>  |                    |                     |                   |                 |                  |               |                                 |                  |                    |          |
| 0.85NFL21SP407X1C316Vdc16pF+10%-10%400MHz300mAK0.85NFL21SP507X1C316Vdc12pF+10%-10%500MHz300mAK0.85NFA18SL137V1A4510Vdc-130MHz50mAKDr0.6NFA18SL237V1A4510Vdc-180MHz50mAKDr0.6NFA18SL227V1A4510Vdc-200MHz50mAKDr0.6NFA18SL207V1A4510Vdc-200MHz50mAKDr0.61NFA18SL207V1A4510Vdc-300MHz100mAK0.65NFA18SL407V1A4510Vdc-400MHz100mAK0.5NFA18SL407V1A4510Vdc-400MHz100mAK0.5NFA18SL407V1A4510Vdc-400MHz100mAK0.6NFA18SL506X1A4510Vdc-400MHz25mAKDr0.6NFA18SD187X1A4510Vdc-200MHz25mAKDr0.6NFA18SD207X1A4510Vdc-200MHz25mAKDr0.6NFA18SD207X1A4510Vdc-310MHz100mAK0.7970.5NFA21SL287V1A4510Vdc-330MHz100mAK0.65NFA21SL287V1A4510Vdc-330MHz100mAK0.65NFA21SL287V1A4510Vdc-330MHz100mAK0.65NFA21SL287V1A4510Vdc-330MHz100mA </td <td>LC combined<br/>Array Type<br/>for Signal Lines         0.85         NFL21SP507X1C3         16Vdc         16pF+10%-10%         400MHz         300mA         K           NFL21SP507X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         K         DT           0.85         NFL21SP507X1C3         16Vdc         -         130MHz         50mA         K         DT           0.6         NFA18SL137V1A45         10Vdc         -         180MHz         50mA         K         DT           0.6         NFA18SL207V1A45         10Vdc         -         200MHz         50mA         K         DT           0.6         NFA18SL207V1A45         10Vdc         -         200MHz         100mA         K         DT           0.603         NFA18SL207V1A45         10Vdc         -         300MHz         100mA         K         DT           0.61         NFA18SL307V1A45         10Vdc         -         400MHz         100mA         K         DT           0.61         NFA18SL307V1A45         10Vdc         -         480MHz         100mA         K         DT           0.61         NFA18SL307V1A45         10Vdc         -         180MHz         25mA         K         DT     <!--</td--><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td>   | LC combined<br>Array Type<br>for Signal Lines         0.85         NFL21SP507X1C3         16Vdc         16pF+10%-10%         400MHz         300mA         K           NFL21SP507X1C3         16Vdc         12pF+10%-10%         500MHz         300mA         K         DT           0.85         NFL21SP507X1C3         16Vdc         -         130MHz         50mA         K         DT           0.6         NFA18SL137V1A45         10Vdc         -         180MHz         50mA         K         DT           0.6         NFA18SL207V1A45         10Vdc         -         200MHz         50mA         K         DT           0.6         NFA18SL207V1A45         10Vdc         -         200MHz         100mA         K         DT           0.603         NFA18SL207V1A45         10Vdc         -         300MHz         100mA         K         DT           0.61         NFA18SL307V1A45         10Vdc         -         400MHz         100mA         K         DT           0.61         NFA18SL307V1A45         10Vdc         -         480MHz         100mA         K         DT           0.61         NFA18SL307V1A45         10Vdc         -         180MHz         25mA         K         DT </td <td></td>  |                    |                     |                   |                 |                  |               |                                 |                  |                    |          |
| 0.85NFL21SP507X1C316Vdc12pF+10%-10%500MHz300mAKGp1260.6NFA18SL137V1A4510Vdc-130MHz50mAKGDm0.6NFA18SL207V1A4510Vdc-800Hz50mAKGDm0.6NFA18SL207V1A4510Vdc-200MHz50mAKGDm0.6NFA18SL207V1A4510Vdc-200MHz25mAKGDm0.60NFA18SL307V1A4510Vdc-300MHz100mAKG0.5NFA18SL307V1A4510Vdc-400MHz100mAKG0.5NFA18SL407V1A4510Vdc-400MHz100mAKG0.5NFA18SL307V1A4510Vdc-400MHz100mAKG0.6NFA18SL307V1A4510Vdc-50MHz25mAKGDm0.6NFA18SL307V1A4510Vdc-50MHz25mAKGDm0.6NFA18SD16X1A4510Vdc-180MHz25mAKGDm0.6NFA18SD207X1A4510Vdc-200HHz25mAKGDm6.70.6NFA21SL337V1A4510Vdc-310MHz100mAKG0.70.5NFA21SL337V1A4510Vdc-330MHz100mAKG0.85NFA21SL307X1A4510Vdc-330MHz100mAKG0.85NFA21SL307X1A4510Vdc-330MHz100mAKG0.85NFA21SL307X1A4510Vdc <td< td=""><td>0.85NFL21SP507X1C316Vdc12pF+10%-10%500MHz300mAKG0.85NFA18SL137V1A4510Vdc-130MHz50mAKGDm0.6NFA18SL187V1A4510Vdc-200MHz50mAKGDm0.6NFA18SL227V1A4510Vdc-200MHz25mAKGDm0.60NFA18SL227V1A4510Vdc-220MHz25mAKGDm0.61NFA18SL27V1A4510Vdc-300MHz100mAKG0.65NFA18SL307V1A4510Vdc-400MHz100mAKG0.65NFA18SL307V1A4510Vdc-400MHz100mAKG0.50NFA18SL307V1A4510Vdc-480MHz100mAKG0.66NFA18SL307V1A4510Vdc-50MHz25mAKG0.60NFA18SL307V1A4510Vdc-50MHz25mAKG0.50NFA18SL307V1A4510Vdc-200MHz25mAKG0.60NFA18SL307V1A4510Vdc-200MHz100mAKG0.50NFA21SL307V1A4510Vdc-200MHz100mAKG0.61NFA18SL307V1A4510Vdc-200MHz100mAKG0.710.5NFA21SL307V1A4510Vdc-200MHz100mAKG0.62NFA21SL307V1A4510Vdc-300MHz100mAKG0.710.5NFA21SL307V1A4510Vdc-280MHz100mAKG<!--</td--><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td></td<>  | 0.85NFL21SP507X1C316Vdc12pF+10%-10%500MHz300mAKG0.85NFA18SL137V1A4510Vdc-130MHz50mAKGDm0.6NFA18SL187V1A4510Vdc-200MHz50mAKGDm0.6NFA18SL227V1A4510Vdc-200MHz25mAKGDm0.60NFA18SL227V1A4510Vdc-220MHz25mAKGDm0.61NFA18SL27V1A4510Vdc-300MHz100mAKG0.65NFA18SL307V1A4510Vdc-400MHz100mAKG0.65NFA18SL307V1A4510Vdc-400MHz100mAKG0.50NFA18SL307V1A4510Vdc-480MHz100mAKG0.66NFA18SL307V1A4510Vdc-50MHz25mAKG0.60NFA18SL307V1A4510Vdc-50MHz25mAKG0.50NFA18SL307V1A4510Vdc-200MHz25mAKG0.60NFA18SL307V1A4510Vdc-200MHz100mAKG0.50NFA21SL307V1A4510Vdc-200MHz100mAKG0.61NFA18SL307V1A4510Vdc-200MHz100mAKG0.710.5NFA21SL307V1A4510Vdc-200MHz100mAKG0.62NFA21SL307V1A4510Vdc-300MHz100mAKG0.710.5NFA21SL307V1A4510Vdc-280MHz100mAKG </td <td></td>  |                    |                     |                   |                 |                  |               |                                 |                  |                    |          |
| P126         0.6         NFA18SL137V1A45         10Vdc         -         130MHz         50mA         Kt         Dm           0.6         NFA18SL187V1A45         10Vdc         -         180MHz         50mA         Kt         Dm           0.6         NFA18SL207V1A45         10Vdc         -         200MHz         50mA         Kt         Dm           0.6         NFA18SL207V1A45         10Vdc         -         200MHz         50mA         Kt         Dm           0.603         0.6         NFA18SL307V1A45         10Vdc         -         200MHz         100mA         Kt         Dm           0.61         NFA18SL437V1A45         10Vdc         -         300MHz         100mA         Kt           0.63         NFA18SL437V1A45         10Vdc         -         400MHz         100mA         Kt           0.63         NFA18SL437V1A45         10Vdc         -         400MHz         100mA         Kt           0.64         NFA18SL206X1A45         10Vdc         -         180MHz         25mA         Kt         Dm           0.6         NFA18SL207X1A45         10Vdc         -         200MHz         100mA         Kt         Dm         0.5         NFA21SL327V1A45 </td <td>P126         0.6         NFA18SL137V1A45         10Vdc         -         130MHz         50mA         Km         Cm           0.6         NFA18SL187V1A45         10Vdc         -         180MHz         50mA         Km         Dm           0.6         NFA18SL207V1A45         10Vdc         -         200MHz         50mA         Km         Dm           0.6         NFA18SL207V1A45         10Vdc         -         200MHz         50mA         Km         Dm           0.603         0.6         NFA18SL207V1A45         10Vdc         -         200MHz         100mA         Km         Dm         Mm         Km         Dm         Km         Cm         Dm         Km         Cm         Dm         Mm         Km         Dm         Km         Cm         Dm         Km         Cm         Dm         Km         Cm         Dm         Km         Dm         Km         Cm         Dm         Km         Dm         Km         Dm         Km         Dm         Km         Dm         Km         Dm         Cm         Dm</td> <td></td>   | P126         0.6         NFA18SL137V1A45         10Vdc         -         130MHz         50mA         Km         Cm           0.6         NFA18SL187V1A45         10Vdc         -         180MHz         50mA         Km         Dm           0.6         NFA18SL207V1A45         10Vdc         -         200MHz         50mA         Km         Dm           0.6         NFA18SL207V1A45         10Vdc         -         200MHz         50mA         Km         Dm           0.603         0.6         NFA18SL207V1A45         10Vdc         -         200MHz         100mA         Km         Dm         Mm         Km         Dm         Km         Cm         Dm         Km         Cm         Dm         Mm         Km         Dm         Km         Cm         Dm         Km         Cm         Dm         Km         Cm         Dm         Km         Dm         Km         Cm         Dm         Km         Dm         Km         Dm         Km         Dm         Km         Dm         Km         Dm         Cm         Dm  |                    |                     |                   |                 |                  |               |                                 |                  |                    |          |
| LC Combined<br>Array Type<br>for Signal Lines         0.6         NFA18SL287V1A45         10Vdc         -         180MHz         50mA         Km         Lm           0.60         NFA18SL207V1A45         10Vdc         -         220MHz         25mA         Nm         Km         Dm           0.61         NFA18SL207V1A45         10Vdc         -         220MHz         25mA         Nm         Km         Dm           0.63         NFA18SL307V1A45         10Vdc         -         400MHz         100mA         Km         Dm         Km         <   | LC Combined<br>Array Type<br>for Signal Lines         p129<br>(0.5)         NFA18SL207V1A45         10Vdc         -         180MHz         50mA         KG         Dm           0.603         NFA18SL207V1A45         10Vdc         -         220MHz         25mA         Nm         KG         Dm           0.61         NFA18SL207V1A45         10Vdc         -         220MHz         25mA         Nm         KG         Dm           0.63         NFA18SL307V1A45         10Vdc         -         400MHz         100mA         KG           0.5         NFA18SL407V1A45         10Vdc         -         480MHz         100mA         KG           0.5         NFA18SL506X1A45         10Vdc         -         480MHz         100mA         KG           0.60         NFA18SD187X1A45         10Vdc         -         50MHz         25mA         Nm KG         Dm           0.60         NFA18SD207X1A45         10Vdc         -         280MHz         100mA         KG         Dm           0.61         NFA18SD207X1A45         10Vdc         -         280MHz         100mA         KG           0.62         NFA18SD207X1A45         10Vdc         -         280MHz         100mA         KG   |                    | n126                |                   |                 |                  | 12pr+10%-10%  |                                 |                  |                    |          |
| LC Combined<br>Array Type<br>for Signal Lines         0.6         NFA18SL207V1A45         10Vdc         -         200MHz         50mA         Kr         Dm           0.60         NFA18SL227V1A45         10Vdc         -         220MHz         25mA         Nm         Kr         Dm           0.61         NFA18SL307V1A45         10Vdc         -         300MHz         100mA         Kr         Dm           0.63         NFA18SL407V1A45         10Vdc         -         400MHz         100mA         Kr           0.5         NFA18SL487V1A45         10Vdc         -         480MHz         100mA         Kr           0.6         NFA18SL207V1A45         10Vdc         -         50MHz         25mA         Kr           0.6         NFA18SL207X1A45         10Vdc         -         180MHz         25mA         Kr         Dr           0.6         NFA18SD187X1A45         10Vdc         -         280MHz         100mA         Kr           0.6         NFA18SD207X1A45         10Vdc         -         310MHz         100mA         Kr           0.6         NFA21SL287V1A45         10Vdc         -         330MHz         100mA         Kr           0.6         NFA21SL337V1A45   | LC Combined<br>Array Type<br>for Signal Lines         0.6         NFA18SL207V1A45         10Vdc         -         200MHz         50mA         Kr         Drv           0.603         0.6         NFA18SL227V1A45         10Vdc         -         220MHz         25mA         New Kr         Drv           0.61         NFA18SL307V1A45         10Vdc         -         300MHz         100mA         Kr           0.5         NFA18SL407V1A45         10Vdc         -         400MHz         100mA         Kr           0.5         NFA18SL407V1A45         10Vdc         -         480MHz         100mA         Kr           0.6         NFA18SL407V1A45         10Vdc         -         480MHz         100mA         Kr           0.6         NFA18SD207X1A45         10Vdc         -         180MHz         25mA         New Kr         Drv           0.6         NFA18SD207X1A45         10Vdc         -         280MHz         100mA         Kr           6or Signal Lines         0.5         NFA21SL287V1A45         10Vdc         -         330MHz         100mA         Kr           0.5         NFA21SL287V1A45         10Vdc         -         330MHz         100mA         Kr           0.5 <td< td=""><td></td><td><i>p120</i></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td></td<>   |                    | <i>p120</i>         |                   |                 |                  | -             |                                 |                  |                    |          |
| LC Combined<br>Array Type<br>for Signal Lines0.6NFA18SL227V1A4510Vdc-220MHz25mANw KrDrv0.63NFA18SL307V1A4510Vdc-400MHz100mAKr0.5NFA18SL407V1A4510Vdc-480MHz100mAKr0.6NFA18SL506X1A4510Vdc-480MHz100mAKr0.6NFA18SD187X1A4510Vdc-50MHz25mAKr0.6NFA18SD187X1A4510Vdc-180MHz25mAKr0.6NFA18SD207X1A4510Vdc-200MHz25mAKr0.6NFA18SD207X1A4510Vdc-200MHz25mAKr0.6NFA18SD207X1A4510Vdc-200MHz25mAKr0.5NFA21SL287V1A4510Vdc-200MHz100mAKr0.5NFA21SL37V1A4510Vdc-310MHz100mAKr0.5NFA21SL37V1A4510Vdc-330MHz100mAKr0.5NFA21SL37V1A4510Vdc-330MHz100mAKr0.5NFA21SL37V1A4510Vdc-330MHz100mAKr0.5NFA21SL307X1A4510Vdc-300MHz100mAKr0.5NFA21SL307X1A4510Vdc-300MHz100mAKr0.5NFA21SL207X1A4510Vdc-300MHz100mAKr0.5NFA21SL207X1A4510Vdc-300MHz100mAKr0.5 <td>https://www.new.org/linear contents         0.6         NFA18SL227V1A45         10Vdc         -         220MHz         25mA         New Kit         Div           0603         0.5         NFA18SL307V1A45         10Vdc         -         300MHz         100mA         Kit           0.5         NFA18SL407V1A45         10Vdc         -         400MHz         100mA         Kit           0.5         NFA18SL487V1A45         10Vdc         -         480MHz         100mA         Kit           0.6         NFA18SL506X1A45         10Vdc         -         480MHz         100mA         Kit           0.6         NFA18SD187X1A45         10Vdc         -         180MHz         25mA         New Kit         Div           0.6         NFA18SD207X1A45         10Vdc         -         180MHz         25mA         New Kit         Div           0.6         NFA18SD207X1A45         10Vdc         -         200MHz         100mA         Kit         Div           for Signal Lines         0.5         NFA21SL287V1A45         10Vdc         -         310MHz         100mA         Kit           0.85         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kit</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td>   | https://www.new.org/linear contents         0.6         NFA18SL227V1A45         10Vdc         -         220MHz         25mA         New Kit         Div           0603         0.5         NFA18SL307V1A45         10Vdc         -         300MHz         100mA         Kit           0.5         NFA18SL407V1A45         10Vdc         -         400MHz         100mA         Kit           0.5         NFA18SL487V1A45         10Vdc         -         480MHz         100mA         Kit           0.6         NFA18SL506X1A45         10Vdc         -         480MHz         100mA         Kit           0.6         NFA18SD187X1A45         10Vdc         -         180MHz         25mA         New Kit         Div           0.6         NFA18SD207X1A45         10Vdc         -         180MHz         25mA         New Kit         Div           0.6         NFA18SD207X1A45         10Vdc         -         200MHz         100mA         Kit         Div           for Signal Lines         0.5         NFA21SL287V1A45         10Vdc         -         310MHz         100mA         Kit           0.85         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kit  |                    |                     |                   |                 |                  | -             |                                 |                  |                    |          |
| LC Combined<br>Array Type<br>for Signal Lines         0.5         NFA18SL307V1A45         10Vdc         -         300MHz         100mA         Kt           0.603         0.5         NFA18SL407V1A45         10Vdc         -         4400MHz         100mA         Kt           0.5         NFA18SL487V1A45         10Vdc         -         480MHz         100mA         Kt           0.6         NFA18SL506X1A45         10Vdc         -         50MHz         25mA         Kt           0.6         NFA18SD187X1A45         10Vdc         -         180MHz         25mA         Kt         Dr*           0.6         NFA18SD207X1A45         10Vdc         -         280MHz         100mA         Kt         Dr*           0.6         NFA18SD207X1A45         10Vdc         -         280MHz         100mA         Kt         Dr*           0.6         NFA21SL287V1A45         10Vdc         -         310MHz         100mA         Kt         Dr*           0.5         NFA21SL287V1A45         10Vdc         -         330MHz         100mA         Kt           0.805         NFA21SL237V1A45         10Vdc         -         330MHz         100mA         Kt           0.805         NFA21SL307X1A45<   | LC Combined<br>Array Type<br>for Signal Lines         0.5         NFA18SL307V1A45         10Vdc         -         300MHz         100mA         Km           0.603         0.5         NFA18SL407V1A45         10Vdc         -         400MHz         100mA         Km           0.6         NFA18SL487V1A45         10Vdc         -         480MHz         100mA         Km           0.6         NFA18SL506X1A45         10Vdc         -         50MHz         25mA         Km           0.6         NFA18SD207X1A45         10Vdc         -         180MHz         25mA         Km         Dm           0.6         NFA18SD207X1A45         10Vdc         -         280MHz         100mA         Km         Dm           0.6         NFA18SD207X1A45         10Vdc         -         310MHz         100mA         Km         Dm           0.6         NFA21SL287V1A45         10Vdc         -         310MHz         100mA         Km         Dm         Mm         Mm         Km         Dm   |                    |                     |                   |                 |                  | -             |                                 |                  |                    |          |
| LC Combined<br>Array Type<br>for Signal Lines         0.5         NFA18SL407V1A45         10Vdc         -         400MHz         100mA         Km           0.6         NFA18SL487V1A45         10Vdc         -         480MHz         100mA         Km           0.6         NFA18SL506X1A45         10Vdc         -         50MHz         25mA         Km           0.6         NFA18SD187X1A45         10Vdc         -         180MHz         25mA         Km         DTV           0.6         NFA18SD207X1A45         10Vdc         -         200MHz         25mA         Km         DTV           0.6         NFA18SD207X1A45         10Vdc         -         200MHz         100mA         Km         DTV           0.6         NFA21SL287V1A45         10Vdc         -         280MHz         100mA         Km         DTV           0.5         NFA21SL337V1A45         10Vdc         -         310MHz         100mA         Km           0.85         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Km           0.805         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Km           0.805         NFA21SL307X1A45         10Vdc </td <td>LC Combined<br/>Array Type<br/>for Signal Lines         0.5         NFA18SL407V1A45         10Vdc         -         400MHz         100mA         Kr           0.6         NFA18SL487V1A45         10Vdc         -         480MHz         100mA         Kr           0.6         NFA18SL506X1A45         10Vdc         -         50MHz         25mA         Kr           0.6         NFA18SD187X1A45         10Vdc         -         180MHz         25mA         New Kr         Drv           0.6         NFA18SD207X1A45         10Vdc         -         200MHz         25mA         New Kr         Drv           0.6         NFA18SD207X1A45         10Vdc         -         200MHz         100mA         Kr           0.6         NFA18SD207X1A45         10Vdc         -         280MHz         100mA         Kr           0.6         NFA21SL287V1A45         10Vdc         -         310MHz         100mA         Kr           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kr           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kr           0.85         NFA21SL307X1A45         10Vdc         -         30</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td>   | LC Combined<br>Array Type<br>for Signal Lines         0.5         NFA18SL407V1A45         10Vdc         -         400MHz         100mA         Kr           0.6         NFA18SL487V1A45         10Vdc         -         480MHz         100mA         Kr           0.6         NFA18SL506X1A45         10Vdc         -         50MHz         25mA         Kr           0.6         NFA18SD187X1A45         10Vdc         -         180MHz         25mA         New Kr         Drv           0.6         NFA18SD207X1A45         10Vdc         -         200MHz         25mA         New Kr         Drv           0.6         NFA18SD207X1A45         10Vdc         -         200MHz         100mA         Kr           0.6         NFA18SD207X1A45         10Vdc         -         280MHz         100mA         Kr           0.6         NFA21SL287V1A45         10Vdc         -         310MHz         100mA         Kr           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kr           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kr           0.85         NFA21SL307X1A45         10Vdc         -         30   |                    |                     |                   |                 |                  | -             |                                 |                  |                    |          |
| LC Combined<br>Array Type<br>for Signal Lines         0.5         NFA18SL407/1A45         10Vdc         -         400MHz         100mA         Kft           0.6         NFA18SL487V1A45         10Vdc         -         480MHz         100mA         Kft           0.6         NFA18SL506X1A45         10Vdc         -         50MHz         25mA         Kft           0.6         NFA18SD187X1A45         10Vdc         -         180MHz         25mA         New Kft         DTV           0.6         NFA18SD207X1A45         10Vdc         -         200MHz         25mA         New Kft         DTV           0.6         NFA18SD207X1A45         10Vdc         -         200MHz         100mA         Kft         DTV           0.6         NFA21SL287V1A45         10Vdc         -         280MHz         100mA         Kft           0.5         NFA21SL387V1A45         10Vdc         -         310MHz         100mA         Kft           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kft           0.805         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kft           0.805         NFA21SL307X1A45         10Vdc  | LC Combined<br>Array Type<br>for Signal Lines         0.5         NFA18SL487V1A45         10Vdc         -         400MHz         100mA         Kft           0.6         NFA18SL506X1A45         10Vdc         -         480MHz         100mA         Kft           0.6         NFA18SL506X1A45         10Vdc         -         50MHz         25mA         Kft           0.6         NFA18SD187X1A45         10Vdc         -         180MHz         25mA         New Kft         Drv           0.6         NFA18SD207X1A45         10Vdc         -         200MHz         25mA         New Kft         Drv           0.6         NFA18SD207X1A45         10Vdc         -         200MHz         100mA         Kft         Drv           0.6         NFA21SL287V1A45         10Vdc         -         280MHz         100mA         Kft           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kft           0.85         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kft           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kft           0.85         NFA21SL307X1A45         10Vdc   |                    | 0603                |                   |                 |                  |               |                                 |                  |                    |          |
| LC Combined<br>Array Type<br>for Signal Lines         0.6         NFA18SL506X1A45         10Vdc         -         50MHz         25mA         Kt           0.6         NFA18SD187X1A45         10Vdc         -         180MHz         25mA         New Kt         Drv           0.6         NFA18SD207X1A45         10Vdc         -         200MHz         25mA         New Kt         Drv           0.6         NFA18SD207X1A45         10Vdc         -         280MHz         100mA         Kt           0.7         0.5         NFA21SL287V1A45         10Vdc         -         310MHz         100mA         Kt           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kt           0.85         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kt           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kt           0.805         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kt           0.85         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kt           0.85         NFA21SL307X1A45         10Vdc  | LC Combined<br>Array Type<br>for Signal Lines         0.6         NFA18SL506X1A45         10Vdc         -         50MHz         25mA         Ktt           0.6         NFA18SD187X1A45         10Vdc         -         180MHz         25mA         New Ktt         Drv           0.6         NFA18SD207X1A45         10Vdc         -         200MHz         25mA         New Ktt         Drv           0.5         NFA18SD207X1A45         10Vdc         -         280MHz         100mA         Ktt           0.5         NFA21SL287V1A45         10Vdc         -         310MHz         100mA         Ktt           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Ktt           0.85         NFA21SL337V1A45         10Vdc         -         280MHz         100mA         Ktt           0.85         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Ktt           0.805         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Ktt           0.81         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Ktt           0.85         NFA21SL307X1A45         10Vdc         -  |                    |                     |                   |                 |                  | -             |                                 |                  |                    |          |
| p128         0.6         NFA18SD187X1A45         10Vdc         -         180MHz         25mA         New Kr         Drv           LC Combined<br>Array Type<br>for Signal Lines         9129         0.5         NFA21SL287V1A45         10Vdc         -         280MHz         100mA         Kr         Drv           0.5         NFA21SL287V1A45         10Vdc         -         310MHz         100mA         Kr           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kr           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kr           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kr           0.85         NFA21SL337V1A48         10Vdc         -         310MHz         100mA         Kr           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kr           0.805         NFA21SL307X1A45         10Vdc         -         330MHz         100mA         Kr           0.805         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kr           0.85         NFA21SL307X1A45  | p128         0.6         NFA18SD187X1A45         10Vdc         -         180MHz         25mA         New Kn         Drv           LC Combined<br>Array Type<br>for Signal Lines         0.6         NFA18SD207X1A45         10Vdc         -         200MHz         25mA         New Kn         Drv           0.6         NFA21SL287V1A45         10Vdc         -         280MHz         100mA         Kn           0.5         NFA21SL317V1A45         10Vdc         -         310MHz         100mA         Kn           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kn           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kn           0.85         NFA21SL337V1A48         10Vdc         -         310MHz         100mA         Kn           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kn           0.805         NFA21SL307X1A45         10Vdc         -         330MHz         100mA         Kn           0.805         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kn           0.85         NFA21SL307X1A45         10Vdc  |                    |                     |                   |                 |                  | -             |                                 |                  |                    |          |
| LC Combined<br>Array Type<br>for Signal Lines         0.6         NFA18SD207X1A45         10Vdc         -         200MHz         25mA         New Kr         Drv           0.5         NFA21SL287V1A45         10Vdc         -         280MHz         100mA         Kr           0.5         NFA21SL317V1A45         10Vdc         -         310MHz         100mA         Kr           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kr           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kr           0.85         NFA21SL337V1A48         10Vdc         -         280MHz         100mA         Kr           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kr           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kr           0.85         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kr           0.85         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kr           0.85         NFA21SL307X1A45         10Vdc         -         300MHz  | LC Combined<br>Array Type<br>for Signal Lines         0.6         NFA18SD207X1A45         10Vdc         -         200MHz         25mA         New Kn         Drv           0.5         NFA21SL287V1A45         10Vdc         -         280MHz         100mA         Kn           0.5         NFA21SL317V1A45         10Vdc         -         310MHz         100mA         Kn           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kn           0.85         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kn           0.85         NFA21SL337V1A48         10Vdc         -         310MHz         100mA         Kn           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kn           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kn           0.801         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kn           0.85         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kn           0.85         NFA21SL307X1A45         10Vdc         -         300MHz  |                    |                     |                   |                 |                  | -             |                                 |                  |                    |          |
| LC Combined<br>Array Type<br>for Signal Lines         p129         0.5         NFA21SL287V1A45         10Vdc         -         280MHz         100mA         Kr           0.5         NFA21SL317V1A45         10Vdc         -         310MHz         100mA         Kr           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kr           0.85         NFA21SL337V1A45         10Vdc         -         280MHz         100mA         Kr           0.85         NFA21SL387V1A48         10Vdc         -         280MHz         100mA         Kr           0.85         NFA21SL317V1A48         10Vdc         -         310MHz         100mA         Kr           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kr           0.85         NFA21SL307X1A45         10Vdc         -         330MHz         100mA         Kr           0.5         NFA21SL307X1A45         10Vdc         -         200MHz         100mA         Kr           0.85         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kr           0.85         NFA21SL307X1A48         10Vdc         -         50MHz <t< td=""><td>P129         0.5         NFA21SL287V1A45         10Vdc         -         280MHz         100mA         Km           for Signal Lines         0.5         NFA21SL317V1A45         10Vdc         -         310MHz         100mA         Km           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Km           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Km           0.85         NFA21SL337V1A45         10Vdc         -         280MHz         100mA         Km           0.85         NFA21SL337V1A48         10Vdc         -         310MHz         100mA         Km           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Km           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Km           0.85         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Km           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Km           0.85         NFA21SL306X1A48         10Vdc         -         50MHz         20mA</td><td></td><td>p128</td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td></t<>  | P129         0.5         NFA21SL287V1A45         10Vdc         -         280MHz         100mA         Km           for Signal Lines         0.5         NFA21SL317V1A45         10Vdc         -         310MHz         100mA         Km           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Km           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Km           0.85         NFA21SL337V1A45         10Vdc         -         280MHz         100mA         Km           0.85         NFA21SL337V1A48         10Vdc         -         310MHz         100mA         Km           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Km           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Km           0.85         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Km           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Km           0.85         NFA21SL306X1A48         10Vdc         -         50MHz         20mA   |                    | p128                |                   |                 |                  | -             |                                 |                  |                    |          |
| Array Type<br>for Signal Lines         0.5         NFA21SL287V1A45         10Vdc         -         280MHz         100mA         Kt           0.5         NFA21SL317V1A45         10Vdc         -         310MHz         100mA         Kt           0.5         NFA21SL317V1A45         10Vdc         -         330MHz         100mA         Kt           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kt           0.85         NFA21SL337V1A48         10Vdc         -         280MHz         100mA         Kt           0.85         NFA21SL337V1A48         10Vdc         -         310MHz         100mA         Kt           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kt           0.85         NFA21SL307X1A45         10Vdc         -         330MHz         100mA         Kt           0.5         NFA21SL307X1A45         10Vdc         -         200MHz         100mA         Kt           0.85         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kt           0.85         NFA21SL306X1A48         10Vdc         -         50MHz         20mA         Kt   | Array Type<br>for Signal Lines         0.5         NFA21SL28/V1A45         100dc         -         280MHz         100mA         Kt           0.5         NFA21SL317V1A45         10Vdc         -         310MHz         100mA         Kt           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kt           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kt           0.85         NFA21SL337V1A48         10Vdc         -         280MHz         100mA         Kt           0.85         NFA21SL287V1A48         10Vdc         -         280MHz         100mA         Kt           0.85         NFA21SL287V1A48         10Vdc         -         310MHz         100mA         Kt           0.85         NFA21SL287V1A48         10Vdc         -         330MHz         100mA         Kt           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kt           0.80         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kt           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kt   | I C Combined       |                     | 0.6               | NFA18SD207X1A45 | 10Vdc            | -             | 200MHz                          | 25mA             | New Kit            | Dτν      |
| for Signal Lines         0.5         NFA21SL317V1A45         10Vdc         -         310MHz         100mA         Kt           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kt           0.85         NFA21SL337V1A45         10Vdc         -         280MHz         100mA         Kt           0.85         NFA21SL337V1A48         10Vdc         -         280MHz         100mA         Kt           0.85         NFA21SL317V1A48         10Vdc         -         310MHz         100mA         Kt           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kt           0.85         NFA21SL307X1A45         10Vdc         -         200MHz         100mA         Kt           0.5         NFA21SL307X1A45         10Vdc         -         200MHz         100mA         Kt           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kt           0.85         NFA21SL307X1A45         10Vdc         -         50MHz         20mA         Kt           0.85         NFA21SL306X1A48         10Vdc         -         80MHz         20mA         Kt      <   | for Signal Lines         0.5         NFA21SL317V1A45         10Vdc         -         310MHz         100mA         Km           0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Km           0.85         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Km           0.85         NFA21SL287V1A48         10Vdc         -         280MHz         100mA         Km           0.85         NFA21SL337V1A48         10Vdc         -         310MHz         100mA         Km           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Km           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Km           0.85         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Km           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Km           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Km           0.85         NFA21SL307X1A45         10Vdc         -         50MHz         20mA         Km  |                    | p129                | 0.5               | NFA21SL287V1A45 | 10Vdc            | -             | 280MHz                          | 100mA            | Kit                |          |
| 0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Kt           0.85         NFA21SL287V1A48         10Vdc         -         280MHz         100mA         Kt           0.85         NFA21SL317V1A48         10Vdc         -         280MHz         100mA         Kt           0.85         NFA21SL317V1A48         10Vdc         -         310MHz         100mA         Kt           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kt           0.85         NFA21SL307X1A45         10Vdc         -         200MHz         100mA         Kt           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kt           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kt           0.85         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kt           0.85         NFA21SL307X1A48         10Vdc         -         80MHz         20mA         Kt           0.85         NFA21SL207X1A48         10Vdc         -         80MHz         20mA         Kt           0.85   | 0.5         NFA21SL337V1A45         10Vdc         -         330MHz         100mA         Km           0.85         NFA21SL287V1A48         10Vdc         -         280MHz         100mA         Km           0.85         NFA21SL317V1A48         10Vdc         -         310MHz         100mA         Km           0.85         NFA21SL317V1A48         10Vdc         -         310MHz         100mA         Km           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Km           0.85         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Km           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Km           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Km           0.85         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Km           0.85         NFA21SL306X1A48         10Vdc         -         80MHz         20mA         Km           0.85         NFA21SL207X1A48         10Vdc         -         80MHz         100mA         Km   |                    |                     | 0.5               | NFA21SL317V1A45 | 10Vdc            | -             | 310MHz                          | 100mA            | Kit                |          |
| 0.85         NFA21SL287V1A48         10Vdc         -         280MHz         100mA         Kt           0.85         NFA21SL317V1A48         10Vdc         -         310MHz         100mA         Kt           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kt           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kt           0.5         NFA21SL307X1A45         10Vdc         -         200MHz         100mA         Kt           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kt           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kt           0.85         NFA21SL307X1A45         10Vdc         -         50MHz         20mA         Kt           0.85         NFA21SL506X1A48         10Vdc         -         80MHz         20mA         Kt           0.85         NFA21SL207X1A45         10Vdc         -         200MHz         100mA         Kt   | 0.85         NFA21SL287V1A48         10Vdc         -         280MHz         100mA         Km           0.85         NFA21SL317V1A48         10Vdc         -         310MHz         100mA         Km           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Km           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Km           0.85         NFA21SL307X1A45         10Vdc         -         200MHz         100mA         Km           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Km           0.85         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Km           0.85         NFA21SL306X1A48         10Vdc         -         50MHz         20mA         Km           0.85         NFA21SL207X1A48         10Vdc         -         80MHz         20mA         Km  | for Signal Lines   |                     | 0.5               |                 |                  | -             |                                 | 100mA            |                    |          |
| 0.85         NFA21SL317V1A48         10Vdc         -         310MHz         100mA         Kt           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kt           0.85         NFA21SL207X1A45         10Vdc         -         200MHz         100mA         Kt           0.5         NFA21SL307X1A45         10Vdc         -         200MHz         100mA         Kt           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kt           0.85         NFA21SL506X1A48         10Vdc         -         50MHz         20mA         Kt           0.85         NFA21SL207X1A45         10Vdc         -         80MHz         20mA         Kt           0.85         NFA21SL207X1A48         10Vdc         -         80MHz         20mA         Kt           0.85         NFA21SL207X1A48         10Vdc         -         200MHz         100mA         Kt   | 0.85         NFA21SL317V1A48         10Vdc         -         310MHz         100mA         Km           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Km           0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Km           0.5         NFA21SL207X1A45         10Vdc         -         200MHz         100mA         Km           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Km           0.85         NFA21SL307X1A45         10Vdc         -         50MHz         20mA         Km           0.85         NFA21SL506X1A48         10Vdc         -         80MHz         20mA         Km           0.85         NFA21SL207X1A48         10Vdc         -         80MHz         20mA         Km  |                    |                     | 0.85              |                 |                  | -             |                                 |                  |                    |          |
| 0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Kt           0.5         NFA21SL207X1A45         10Vdc         -         200MHz         100mA         Kt           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kt           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kt           0.85         NFA21SL506X1A48         10Vdc         -         50MHz         20mA         Kt           0.85         NFA21SL806X1A48         10Vdc         -         80MHz         20mA         Kt           0.85         NFA21SL207X1A45         10Vdc         -         200MHz         100mA         Kt  | 0.85         NFA21SL337V1A48         10Vdc         -         330MHz         100mA         Km           0.85         NFA21SL207X1A45         10Vdc         -         200MHz         100mA         Km           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Km           0.85         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Km           0.85         NFA21SL506X1A48         10Vdc         -         50MHz         20mA         Km           0.85         NFA21SL806X1A48         10Vdc         -         80MHz         20mA         Km           0.85         NFA21SL207X1A48         10Vdc         -         200MHz         100mA         Km  |                    |                     |                   |                 |                  | -             |                                 |                  |                    |          |
| 0805         0.5         NFA21SL207X1A45         10Vdc         -         200MHz         100mA         Kt           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kt           0.5         NFA21SL506X1A48         10Vdc         -         50MHz         20mA         Kt           0.85         NFA21SL806X1A48         10Vdc         -         80MHz         20mA         Kt           0.85         NFA21SL207X1A45         10Vdc         -         200MHz         100mA         Kt   | 0805         0.5         NFA21SL207X1A45         10Vdc         -         200MHz         100mA         Km           0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Km           0.85         NFA21SL307X1A45         10Vdc         -         50MHz         20mA         Km           0.85         NFA21SL806X1A48         10Vdc         -         80MHz         20mA         Km           0.85         NFA21SL207X1A48         10Vdc         -         80MHz         20mA         Km           0.85         NFA21SL207X1A48         10Vdc         -         200MHz         100mA         Km   |                    |                     |                   |                 |                  |               |                                 |                  |                    |          |
| 0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Kt           0.85         NFA21SL506X1A48         10Vdc         -         50MHz         20mA         Kt           0.85         NFA21SL806X1A48         10Vdc         -         80MHz         20mA         Kt           0.85         NFA21SL207X1A48         10Vdc         -         200MHz         100mA         Kt   | 0.5         NFA21SL307X1A45         10Vdc         -         300MHz         100mA         Ktr           0.85         NFA21SL506X1A48         10Vdc         -         50MHz         20mA         Ktr           0.85         NFA21SL806X1A48         10Vdc         -         80MHz         20mA         Ktr           0.85         NFA21SL207X1A48         10Vdc         -         200MHz         100mA         Ktr   |                    | 0805                |                   |                 |                  |               |                                 |                  |                    |          |
| 0.85         NFA21SL506X1A48         10Vdc         -         50MHz         20mA         Ktt           0.85         NFA21SL806X1A48         10Vdc         -         80MHz         20mA         Ktt           0.85         NFA21SL207X1A48         10Vdc         -         200MHz         100mA         Ktt  | 0.85         NFA21SL506X1A48         10Vdc         -         50MHz         20mA         Kt           0.85         NFA21SL806X1A48         10Vdc         -         80MHz         20mA         Kt           0.85         NFA21SL207X1A48         10Vdc         -         200MHz         100mA         Kt   |                    |                     |                   |                 |                  |               |                                 |                  |                    |          |
| 0.85         NFA21SL806X1A48         10Vdc         -         80MHz         20mA         Ktt           0.85         NFA21SL207X1A48         10Vdc         -         200MHz         100mA         Ktt  | 0.85         NFA21SL806X1A48         10Vdc         -         80MHz         20mA         Ktt           0.85         NFA21SL207X1A48         10Vdc         -         200MHz         100mA         Ktt  |                    |                     |                   |                 |                  |               |                                 |                  |                    |          |
| 0.85 NFA21SL207X1A48 10Vdc - 200MHz 100mA Kt   | 0.85 NFA21SL207X1A48 10Vdc - 200MHz 100mA K  |                    |                     |                   |                 |                  |               |                                 |                  |                    |          |
|  |  |                    |                     |                   |                 |                  |               |                                 |                  |                    |          |
|  | 0.85 NFA21SL30/X1A48 10Vac - 300MHz 100mA Kr   |                    |                     |                   |                 |                  |               |                                 |                  |                    |          |

Continued on the following page.

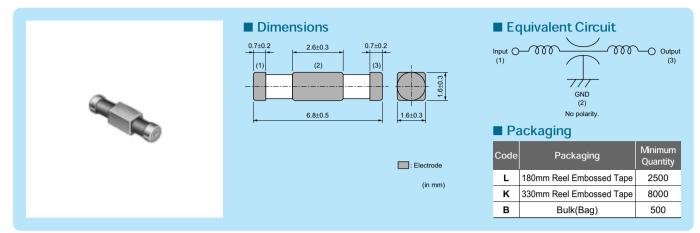
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NFE61P

# NFE61 PSeries (2706 Size)

#### T-type filter with built-in ferrite bead.



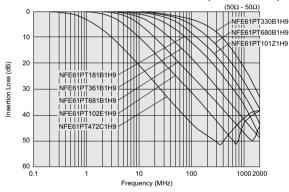
Refer to pages from p.136 to p.141 for mounting information.

#### ■ Rated Value (□: packaging code)

| Part Number    | Capacitance    | Rated Current | Rated Voltage | Insulation<br>Resistance<br>(min.) | Operating<br>Temperature Range |             |
|----------------|----------------|---------------|---------------|------------------------------------|--------------------------------|-------------|
| NFE61PT330B1H9 | 33pF+30%-30%   | 2A            | 50Vdc         | 1000M ohm                          | -25°C to +85°C                 | <b>≧</b> 1A |
| NFE61PT680B1H9 | 68pF+30%-30%   | 2A            | 50Vdc         | 1000M ohm                          | -25°C to +85°C                 | <b>≧</b> 1A |
| NFE61PT101Z1H9 | 100pF+30%-30%  | 2A            | 50Vdc         | 1000M ohm                          | -25°C to +85°C                 | <b>≧</b> 1A |
| NFE61PT181B1H9 | 180pF+30%-30%  | 2A            | 50Vdc         | 1000M ohm                          | -25°C to +85°C                 | <b>≧</b> 1A |
| NFE61PT361B1H9 | 360pF+20%-20%  | 2A            | 50Vdc         | 1000M ohm                          | -25°C to +85°C                 | <b>≧</b> 1A |
| NFE61PT681B1H9 | 680pF+30%-30%  | 2A            | 50Vdc         | 1000M ohm                          | -25°C to +85°C                 | <b>≧1A</b>  |
| NFE61PT102E1H9 | 1000pF+80%-20% | 2A            | 50Vdc         | 1000M ohm                          | -25°C to +85°C                 | Kit ≧1A     |
| NFE61PT472C1H9 | 4700pF+80%-20% | 2A            | 50Vdc         | 1000M ohm                          | -25°C to +85°C                 | Kit ≧1A     |

Number of Circuit: 1

#### Insertion Loss Characteristics (Main Items)



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Chip Ferrite Bead

