

# GCM188R71H224KA64#

“#” at the end indicates the package specification code.



## < List of part numbers with package codes >

GCM188R71H224KA64D      GCM188R71H224KA64W      GCM188R71H224KA64J  
GCM188R71H224KA64V

## Applications

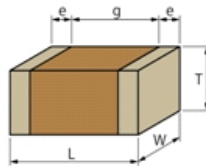
Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C] except for implant equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.

## References

Packaging	Specifications	Standard Packing Quantity
D	φ180mm Reel Paper Tape	4000
W	φ180mm Reel W8P2 Paper Tape	8000
J	φ330mm Reel Paper Tape	10000
V	φ330mm Reel W8P2 Paper Tape	30000

Mass (typ.)	
1 piece	6.3mg

## Appearance & Shape



**Attention**  
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2. This datasheet has only typical specifications because there is no space for detailed specifications.  
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## Specifications

Length	1.6±0.1mm
Width	0.8±0.1mm
Thickness	0.8±0.1mm
Capacitance	0.22µF ±10%
Distance between external terminals g	0.5mm min.
External terminal size e	0.2 to 0.5mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	50Vdc
Size code in inch(mm)	0603 (1608M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X7R(EIA)
Temperature range of temperature characteristics	-55°C to 125°C

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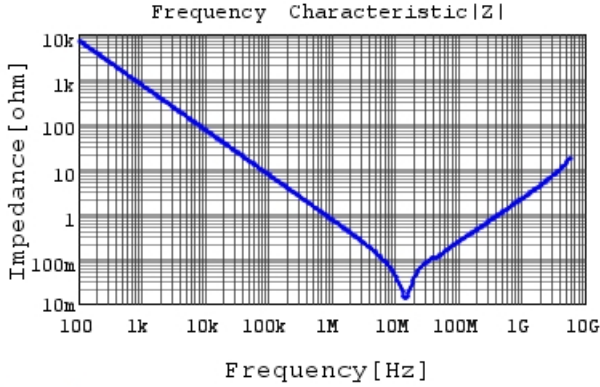
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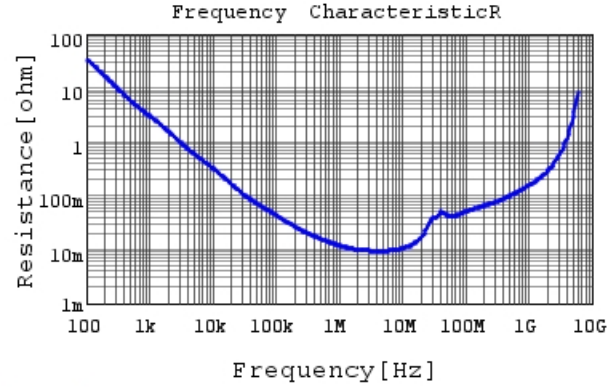


## Characteristic Data

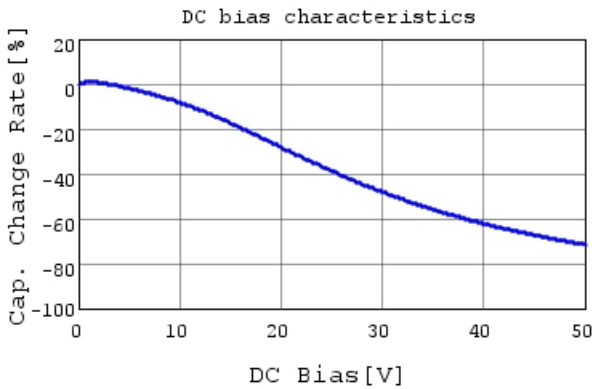
The charts below may show another part number which shares its characteristics.



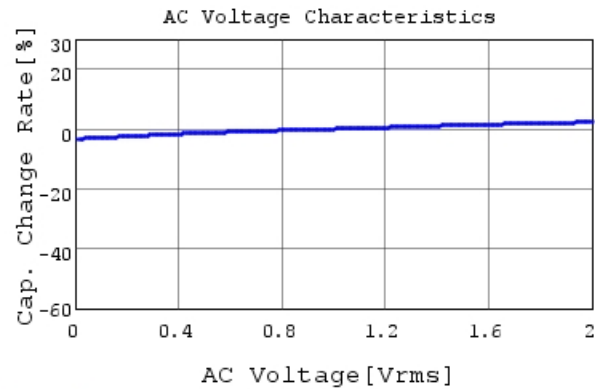
GCM188R71H224KA64 |Z| DCOV, 25degC



GCM188R71H224KA64 R DCOV, 25degC



GCM188R71H224KA64 C-DC bias capchange, 25.0c



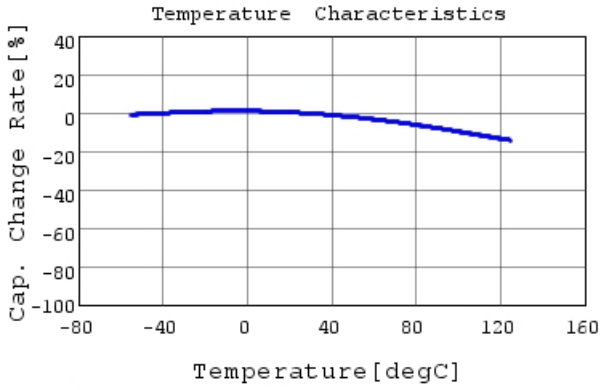
GCM188R71H224KA64 C-AC Voltage capchange, Dc

**Attention**

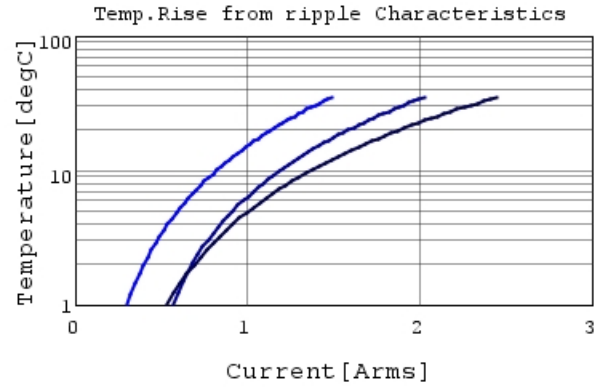
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GCM188R71H224KA64 C-Temp. capchange, DC0.0V,



GCM188R71H224KA64 Temp.rise — 300kHz —

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