

ERD6 SERIES

SMALL SIZE 7x7 ROTARY TYPE



FEATURES

- Flat type with outer dimensions 7.2mm square; 4.0mm high on board for through hole type and 3.6mm high on board for surface mounting type.
- Top size 7.2x3.5mm², 8mm high on board for side adjust type.
- Positions (10,16) and switch code can be identified by color rotor.
- Gold plated contact area ensures reliable electric continuity for micro current.

SPECIFICATIONS

1 . ELECTRICAL

| | |
|-----------------------|---|
| Contact rating | |
| Max. switching load | 100 mA, 50 VDC |
| Min. switching load | 10 μ A, 5 VDC |
| Contact resistance | 200 m Ω Max., 1.5mA, 200 μ VDC |
| Insulation resistance | 100 M Ω Min., 100 VDC |
| Dielectric strength | 250 VAC (rms), 60 sec. |

2 . MECHANICAL

| | |
|--------------------|------------------------------------|
| Temperature rating | |
| operating | -25°C ~+70°C |
| storage | -25°C ~+85°C |
| Operation force | 510 gf-cm Max. (Rotational torque) |
| Durability | 10000 detents Min. |

PART NUMBERING SYSTEM

| | | | | | | |
|-----|---|----|---|---|---|---|
| ERD | 6 | 10 | C | S | A | C |
|-----|---|----|---|---|---|---|

+--- Rotor:
 C:"minus", No letter:"plus"
 +--- Ground Terminal:
 No letter:without, A:with
 +--- Setting:
 S:Standard Type (Top Adjust Type)
 R:Right Angle Type
 M:Surface Mounting Type
 in Tube Package
 J:Right Angle with Surface Mounting Type
 in Tube Package
 D:Surface Mounting Type
 in Tape & Reel Package
 T:Right Angle with Surface Mounting Type
 in Tape & Reel Package
 +--- Code: R:Real, C:Complement
 +--- Number of positions: 10,16
 +--- 7.2x7.2 mm², Flat Type
 +--- Series Name: ERD:Rotary DIP Switch

DIMENSIONS AND CIRCUITRY (UNIT: mm)

