ERD6 SERIES

SMALL SIZE 7x7 ROTARY TYPE

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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 μA, 5 VDC
Contact resistance	200 m Ω Max., 1.5mA, 200 μVDC
Insulation resistance	$100~\mathrm{M}\Omega$ Min., $100~\mathrm{VDC}$
Dielectric strength	250 VAC (rms), 60 sec.

2.MECHANICAL

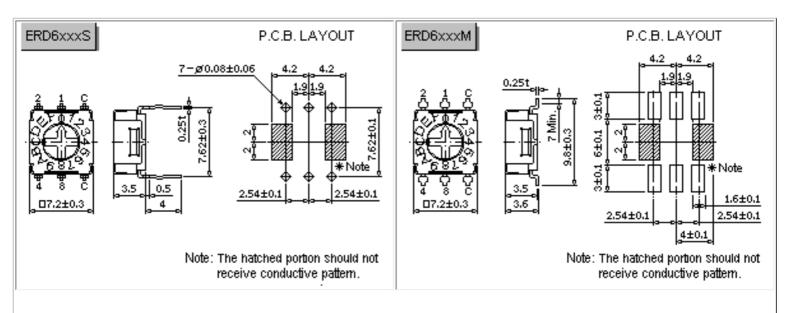
Temperature rating	
operating	-25°C ~+70°C
storage	-25°C ~+85°C
Operation force	510 gf-cm Max. (Rotational torque)
Durability	10000 detents Min.

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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 \text{ mm}^2, Flat Type
+--- Series Name: ERD:Rotary DIP Switch
```

DIMENSIONS AND CIRCUITRY (UNIT: mm)



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