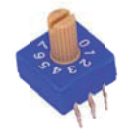
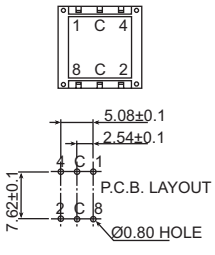
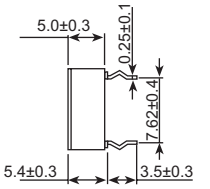
Rotary Switches

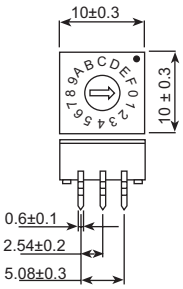
10 x 10 mm Sealed Rotary DIP Switches 3:3 Pinout — RD1 Series



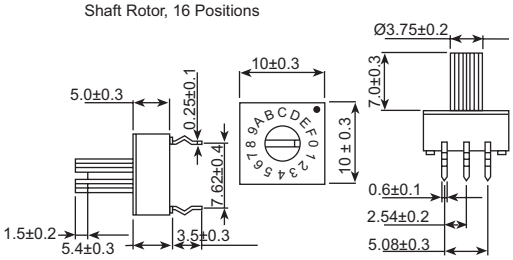


RD1HF16
Flat Rotor, 16 Positions

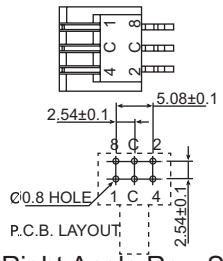




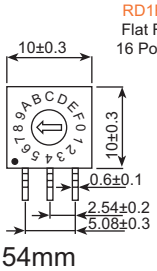
RD1HS16
Shaft Rotor, 16 Positions

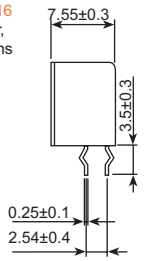


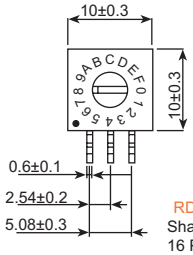
RD1H THT Top Adjust Type



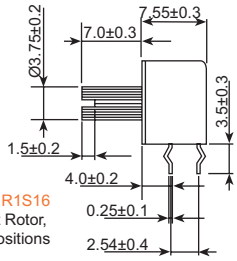
RD1R1F16
Flat Rotor,
16 Positions



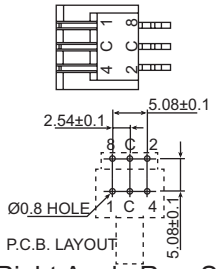




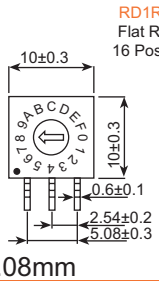
RD1R1S16
Shaft Rotor,
16 Positions

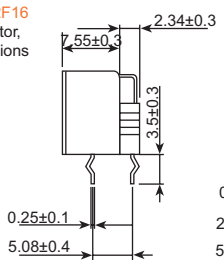


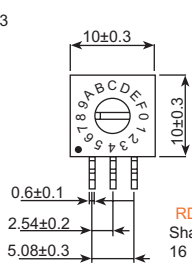
RD1R1 THT Right Angle Row Spacing 2.54mm



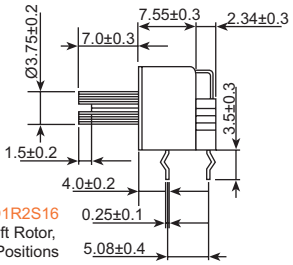
RD1R2F16
Flat Rotor,
16 Positions



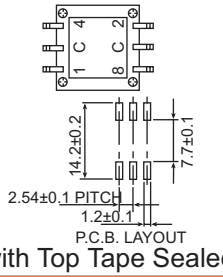


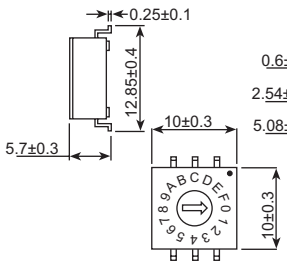


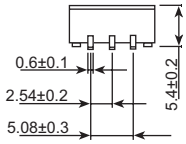
RD1R2S16
Shaft Rotor,
16 Positions



RD1R2 THT Right Angle Row Spacing 5.08mm

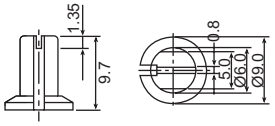






RD1SF16
Flat Rotor,
16 Positions

KRD Shaft Cover



RD1S SMT with Top Tape Sealed

Code
- ● Real Code (Rotor Color: White)
- ○ Complementary Code (Rotor Color: Red)

Pin No.	Position 0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●
2	○	○	●	●	○	○	●	●	○	○	●	●	○	○	●	●
4	○	○	○	○	●	●	●	●	○	○	○	○	●	●	●	●
8	○	○	○	○	○	○	○	○	●	●	●	●	●	●	●	●

How to order:

RD1 [1] [2] [3] [4] [5] + KRD [6]
Optional: Shaft Cover

1 TYPE OF TERMINALS:
- H THT Top Adjust Type
- R1 THT Right Angle Side Adjust Type with Rows Spacing 2.54 mm
- R2 THT Right Angle Side Adjust Type with Rows Spacing 5.08 mm
- S SMT with Top Tape Sealed
- SN SMT without Top Tape *

2 ROTOR TYPE:
- F Flat Rotor
- S Shaft Rotor (RD1H & RD1R Only)

3 NO. OF POSITIONS:
- 08 8 Positions
- 10 10 Positions
- 16 16 Positions

4 CODE:
- R Real Code
- S Complementary Code

5 PACKAGING TYPE:
- TB Tube
- TR Tape & Reel (RD1S Only)

6 (OPTIONAL:) SHAFT COVER COLOR:
- B White
- C Red

General Specifications:

FEATURES
» Molded-in terminals and fully sealed construction
» Gold plated contact to ensure low contact resistance

MECHANICAL
» Mechanical Life: 10.000 steps
» Operating Force: 500 gf max.
» Operation Temperature: -25°C to +70°C
» Storage Temperature: -40°C to +85°C

ELECTRICAL
» Contact Rating: 25mA, 24VDC

SOLDERING PROCESSES
» Solderability for T.H.T.: After flux 245±5°C for 5±0.5 seconds, 95% coverage
» Resistance to soldering heat for T.H.T.: 260±5°C for 5±1 seconds
» Reflow soldering heat for S.M.T. (reference only): 240°C for 20 seconds or less, peak temperature 260°C 10 sec. Max.

All specifications are restricted to QA test criteria.
DRW: D. L. JIN, CHK: D.F. LEE, APP: H.Z. QIU, DC: 2010-09-09. UPD: 2025-05-13.