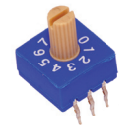
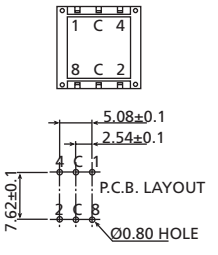
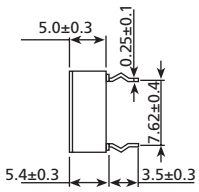
10 x 10 mm Rotary DIP Switches with 3:3 Pinout

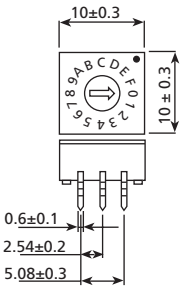
RD1 Series



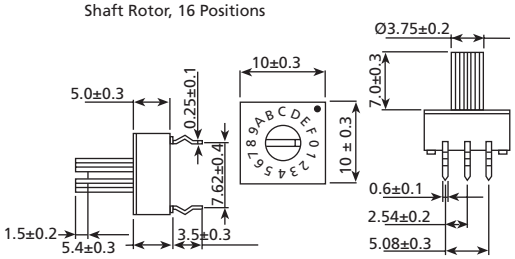


RD1HF16
Flat Rotor, 16 Positions

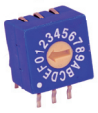


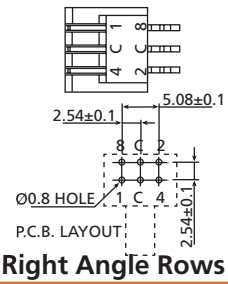


RD1HS16
Shaft Rotor, 16 Positions

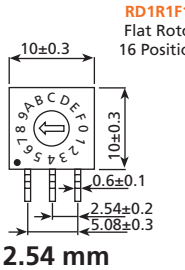


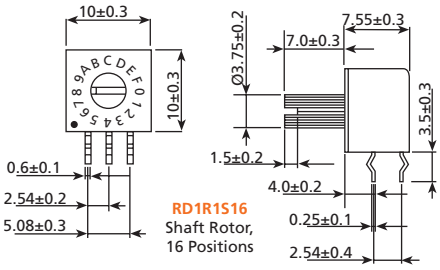
RD1H THT Top Adjust Type Terminals





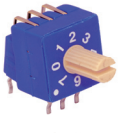
RD1R1F16
Flat Rotor, 16 Positions

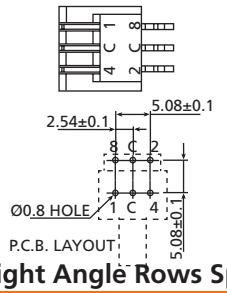




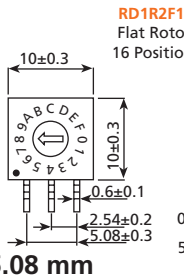
RD1R1S16
Shaft Rotor, 16 Positions

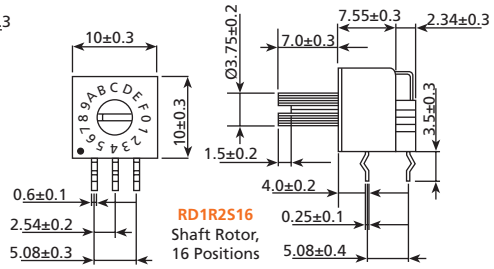
RD1R1 THT Right Angle Rows Spacing 2.54 mm





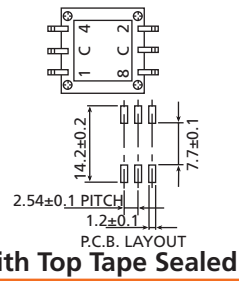
RD1R2F16
Flat Rotor, 16 Positions

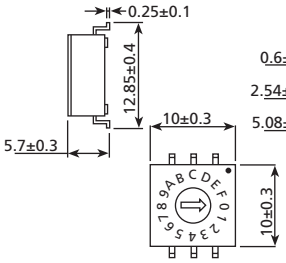




RD1R2S16
Shaft Rotor, 16 Positions

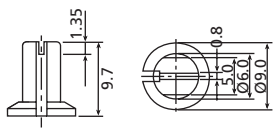
RD1R2 THT Right Angle Rows Spacing 5.08 mm





RD1SF16
Flat Rotor, 16 Positions

RD1S SMT with Top Tape Sealed



KRD Shaft Cover

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

[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: 2.000 steps per position
» Operating Force: 500 gf max.
» Operation Temperature: -20°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 230±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): 210°C for 20 seconds or less, peak temperature 230°C or less

All specifications are restricted to QA test criteria.
DRW: D.L. JIN, CHK: D.F. LEE, APP: H.Z. QIU