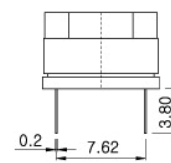
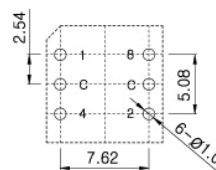
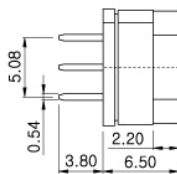
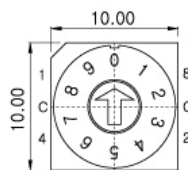


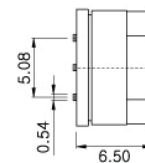
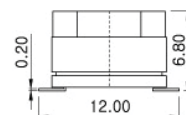
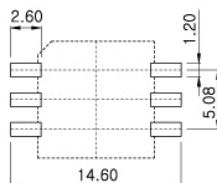
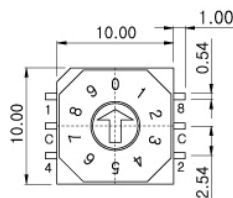
Rotary Switches

10 x 10 mm Sealed Rotary DIP Switches (THR)

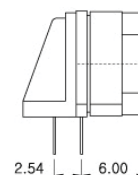
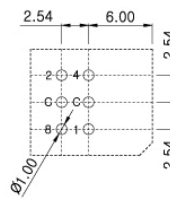
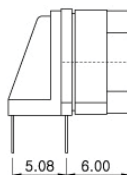
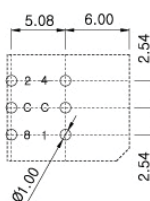
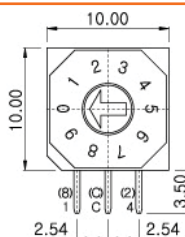
RD82T Series



RD82THR



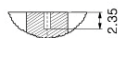
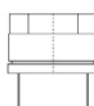
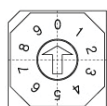
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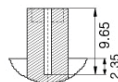
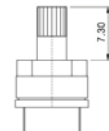
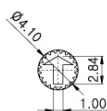
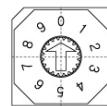
RD82TA20

ROTOR TYPE

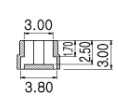
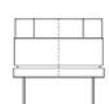
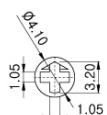
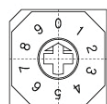
S1



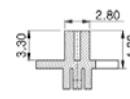
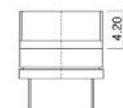
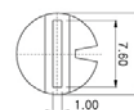
S2



S3



ACCESSORIES



AK - 83 (applicable to only "S3" actuators)

H: Grey C: Red A: Black

How to order:

RD82T 1 2 3 4 5 6

1 TYPE OF TERMINALS:

H THT Top Adjust Type

A1 THT Right Angle Side Adjust Type with Rows Spacing 2.54 mm

A2 THT Right Angle Side Adjust Type with Rows Spacing 5.08 mm

S SMT Top Type

2 TYPE OF CASE:

O Octagon Type

R Round Type

3 ROTOR TYPE (See Above Drawings):

S1 Arrow Type

S2 Shaft Type

S3 Cross Type

4 NO. OF POSITIONS:

04 4 Positions

06 6 Positions

08 8 Positions

10 10 Positions

16 16 Positions

5 CODE (See Page 2):

R Real Code

S Complementary Code

G Gray Code

NR Special Code 1

NS Special Code 2

ND Special Code 3

NE Special Code 4

6 PACKAGING TYPE:

TB Tube

TR Tape & Reel (SMT Only)

General Specifications:

FEATURES

- » Sealing: IP 67(Dust & Waterproof)
- » THR (Thru Hole Reflow solderable)
- » 3 x 3 Terminal

MECHANICAL

- » Life Cycle: 10,000 steps
- » Operating Force: 700 gf max.

ELECTRICAL

- » Contact Rating: 150mA, 24V DC (Switching)
400mA, 24V DC (None-Switching)
- » Contact Resistance: 80mΩ Max
- » Insulation Resistance: 100MΩ Min

SOLDERING CONDITIONS

- Solder reflow max: 10s./260°C
- Solder iron max: 2s./340°C
- Solder bath max: 5s/280°C

Rotary Switches

10 x 10 mm Sealed Rotary DIP Switches (THR)

RD82T Series

CODE

Real Code

Position	Real Code			
	C	1	2	
0	●	●	●	●
1	●	●	●	●
2	●	●	●	●
3	●	●	●	●

Position	Real Code			
	C	1	2	4
0	●	●	●	●
1	●	●	●	●
2	●	●	●	●
3	●	●	●	●
4	●	●	●	●
5	●	●	●	●

Position	Real Code			
	C	1	2	4
0	●	●	●	●
1	●	●	●	●
2	●	●	●	●
3	●	●	●	●
4	●	●	●	●
5	●	●	●	●
6	●	●	●	●
7	●	●	●	●

Position	Real Code			
	C	1	2	4
0	●	●	●	●
1	●	●	●	●
2	●	●	●	●
3	●	●	●	●
4	●	●	●	●
5	●	●	●	●
6	●	●	●	●
7	●	●	●	●
8	●	●	●	●
9	●	●	●	●

Position	Real Code			
	C	1	2	4
0	●	●	●	●
1	●	●	●	●
2	●	●	●	●
3	●	●	●	●
4	●	●	●	●
5	●	●	●	●
6	●	●	●	●
7	●	●	●	●
8	●	●	●	●
9	●	●	●	●
10	●	●	●	●
11	●	●	●	●
12	●	●	●	●
13	●	●	●	●
14	●	●	●	●
15	●	●	●	●

Complementary Code

Position	Complement Code			
	C	1	2	
0	●	●	●	●
1	●	●	●	●
2	●	●	●	●
3	●	●	●	●

Position	Complement Code			
	C	1	2	4
0	●	●	●	●
1	●	●	●	●
2	●	●	●	●
3	●	●	●	●
4	●	●	●	●
5	●	●	●	●

Position	Complement Code			
	C	1	2	4
0	●	●	●	●
1	●	●	●	●
2	●	●	●	●
3	●	●	●	●
4	●	●	●	●
5	●	●	●	●
6	●	●	●	●
7	●	●	●	●
8	●	●	●	●
9	●	●	●	●

Position	Complement Code			
	C	1	2	4
0	●	●	●	●
1	●	●	●	●
2	●	●	●	●
3	●	●	●	●
4	●	●	●	●
5	●	●	●	●
6	●	●	●	●
7	●	●	●	●
8	●	●	●	●
9	●	●	●	●
10	●	●	●	●
11	●	●	●	●
12	●	●	●	●
13	●	●	●	●
14	●	●	●	●
15	●	●	●	●

Gray Code

Position	Gray Code			
	C	1	2	4
0	●	●	●	●
1	●	●	●	●
2	●	●	●	●
3	●	●	●	●
4	●	●	●	●
5	●	●	●	●
6	●	●	●	●
7	●	●	●	●
8	●	●	●	●
9	●	●	●	●

Position	Gray Code			
	C	1	2	4
0	●	●	●	●
1	●	●	●	●
2	●	●	●	●
3	●	●	●	●
4	●	●	●	●
5	●	●	●	●
6	●	●	●	●
7	●	●	●	●
8	●	●	●	●
9	●	●	●	●
10	●	●	●	●
11	●	●	●	●
12	●	●	●	●
13	●	●	●	●
14	●	●	●	●
15	●	●	●	●

Special Code

Position	Real Code			
	C	1	2	4
0	●	●	●	●
1	●	●	●	●
2	●	●	●	●
3	●	●	●	●
4	●	●	●	●
5	●	●	●	●
6	●	●	●	●
7	●	●	●	●
8	●	●	●	●
9	●	●	●	●

Position	Complement Code			
	C	1	2	4
0	●	●	●	●
1	●	●	●	●
2	●	●	●	●
3	●	●	●	●
4	●	●	●	●
5	●	●	●	●
6	●	●	●	●
7	●	●	●	●
8	●	●	●	●
9	●	●	●	●
10	●	●	●	●
11	●	●	●	●
12	●	●	●	●
13	●	●	●	●
14	●	●	●	●
15	●	●	●	●

ND

Position	Dezimal			
	C	1	2	3
0	●	●	●	●
1	●	●	●	●
2	●	●	●	●
3	●	●	●	●

NE

Position	Real Code			
	C	1	2	4
0	●	●	●	●
1	●	●	●	●
2	●	●	●	●
3	●	●	●	●
4	●	●	●	●
5	●	●	●	●