

RDT SERIES ROTARY DIP SWITCH

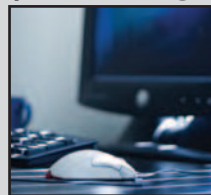
ANTI-VANDAL SWITCHES
DETECTOR SWITCHES
DIP SWITCHES
KEYLOCK SWITCHES
NAVIGATION SWITCHES
PUSHBUTTON SWITCHES
ROCKER SWITCHES
ROTARY SWITCHES
SLIDE SWITCHES
SNAP ACTION SWITCHES
TACTILE SWITCHES
TOGGLE SWITCHES
CAP OPTIONS



APPLICATIONS / MARKETS



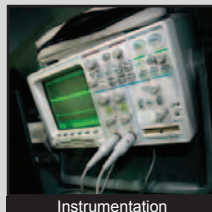
Audio / Visual



Computer Peripherals



Consumer Electronics



Instrumentation



Telecommunication



Medical Equipment

RoHS

SPECIFICATIONS

Electrical Rating:

Switching: 42VDC, 150mA

Non-Switching: 42VDC, 200mA

Life Expectancy: 10,000 steps

Contact Resistance: 80mΩ Max.

Insulation Resistance: 100 MΩ Min. at 250VDC

Dielectric Strength: 250VAC

Operating Temperature:

-40°C to 85°C (Thru Hole)

-60°C to 125°C (SMT)

Actuation Force: 700 gf

Travel: dependent upon individual switch positions

FEATURES & BENEFITS

- Offers IP67 sealing protection
- Available in 4, 6, 8, 10 and 16 positions
- Right angle or vertical options
- SMT or thru hole options
- Gold contacts

PART NUMBER CONFIGURATOR

Series	Actuator	Code	Positions	Terminals	Packaging
RDT	A	R	04	P1	T
	A - Arrow Flush	R - Real	04	P1 - TH 3x3 terminals	T - Tube
	B - Arrow Shaft	C - Complementary	06	P2 - TH 3x2 terminals	R - Tape & Reel
	C - Cross		08	S1 - SM 3x3 terminals	
	D - Arrow .1 High		10	S2 - SM 3x2 terminals	
			16	R1 - Angled 5.08 spacing	
				R2 - Angled 2.54 spacing	

Specifications subject to change without notice



E-SWITCH®

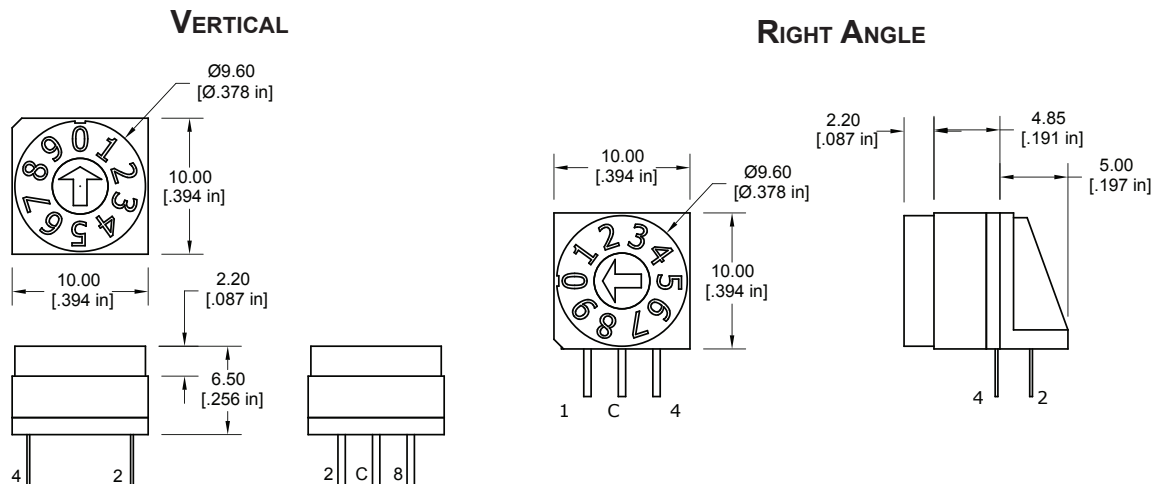
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RDT SERIES ROTARY DIP SWITCH

BODY DIMENSIONS



GENERAL CODES

REAL CODE

	C	1	2
0	●		
1	●	●	
2	●		●
3	●	●	●

4 POSITION

COMPLEMENT CODE

	C	$\bar{1}$	$\bar{2}$
0	●	●	●
1	●		●
2	●	●	
3	●		

4 POSITION

REAL CODE

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

10 POSITION

COMPLEMENT CODE

	C	$\bar{1}$	$\bar{2}$	$\bar{4}$	$\bar{8}$
0	●	●	●	●	●
1	●		●	●	●
2	●	●		●	●
3	●	●	●		●
4	●	●	●	●	
5	●		●		●
6	●	●			●
7	●	●	●	●	●
8	●				●
9	●	●	●	●	●

10 POSITION

REAL CODE

	C	1	2	4	8
0	●				
1	●	●			
2	●		●		
3	●	●	●		
4	●			●	
5	●	●		●	

6 POSITION

COMPLEMENT CODE

	C	$\bar{1}$	$\bar{2}$	$\bar{4}$	$\bar{8}$
0	●	●	●	●	●
1	●		●	●	●
2	●	●		●	●
3	●	●	●		●
4	●	●	●	●	
5	●		●		●

6 POSITION

REAL CODE

	C	1	2	4	8	
0	●					0
1	●	●				1
2	●		●			2
3	●	●	●			3
4	●			●		4
5	●	●		●		5
6	●		●		●	6
7	●	●	●	●		7
8	●				●	8
9	●	●			●	9
10	●		●		●	A
11	●	●	●		●	B
12	●			●	●	C
13	●	●		●	●	D
14	●		●	●	●	E
15	●	●	●	●	●	F

16 POSITION

COMPLEMENT CODE

	C	$\bar{1}$	$\bar{2}$	$\bar{4}$	$\bar{8}$	
0	●	●	●	●	●	0
1	●		●	●	●	1
2	●	●		●	●	2
3	●	●	●		●	3
4	●	●	●	●		4
5	●		●		●	5
6	●	●			●	6
7	●	●	●	●	●	7
8	●				●	8
9	●	●	●	●	●	9
10	●	●		●		A
11	●	●	●		●	B
12	●	●	●	●		C
13	●		●		●	D
14	●	●		●	●	E
15	●	●	●	●	●	F

16 POSITION

REAL CODE

	C	1	2	4	8
0	●				
1	●	●			
2	●		●		
3	●	●	●		
4	●			●	
5	●	●		●	
6	●		●	●	
7	●	●	●	●	

8 POSITION

COMPLEMENT CODE

	C	$\bar{1}$	$\bar{2}$	$\bar{4}$	$\bar{8}$
0	●	●	●	●	●
1	●		●	●	●
2	●	●		●	●
3	●	●	●		●
4	●	●	●	●	
5	●		●		●
6	●	●			●
7	●	●	●		●

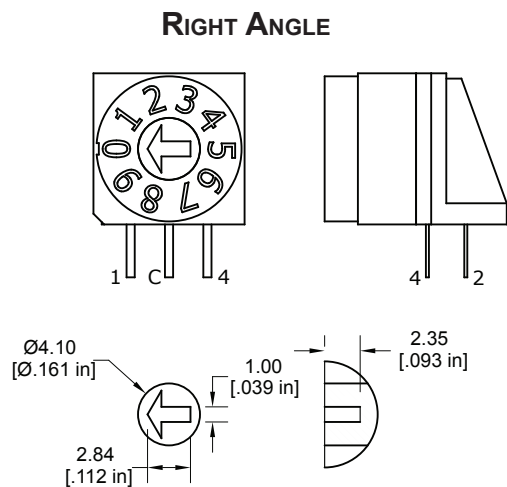
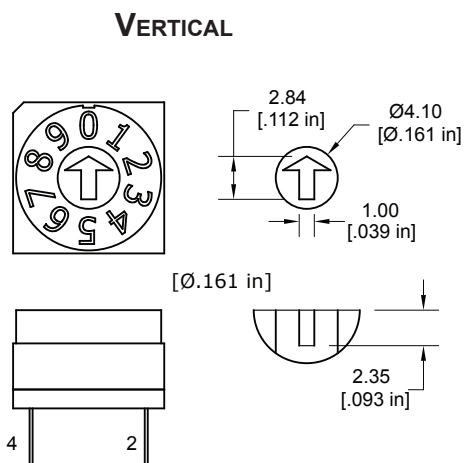
8 POSITION



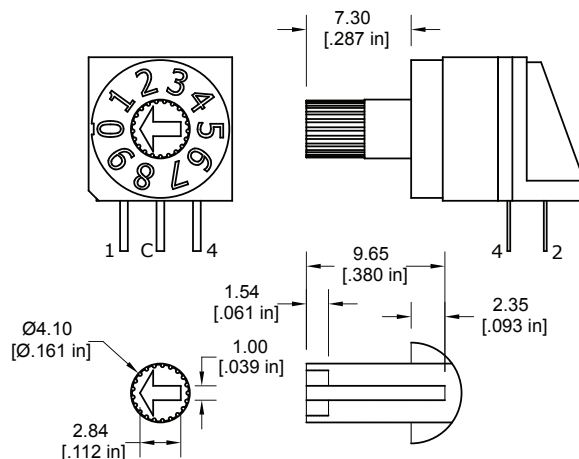
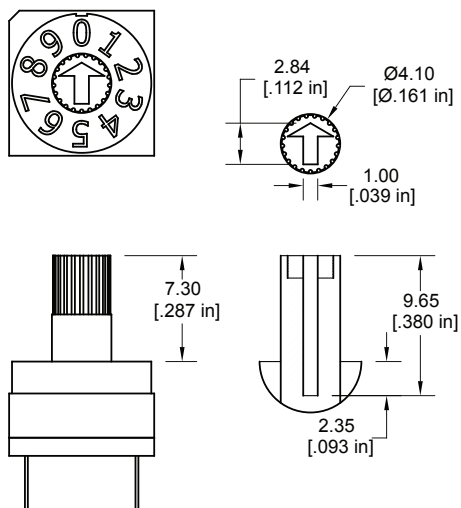
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ACTUATOR OPTIONS

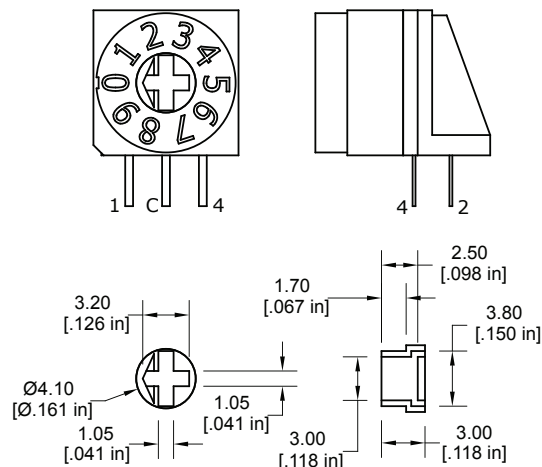
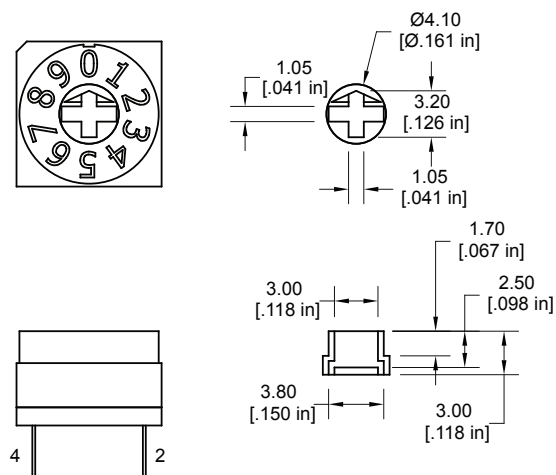
"A" ACTUATOR



"B" ACTUATOR



"C" ACTUATOR

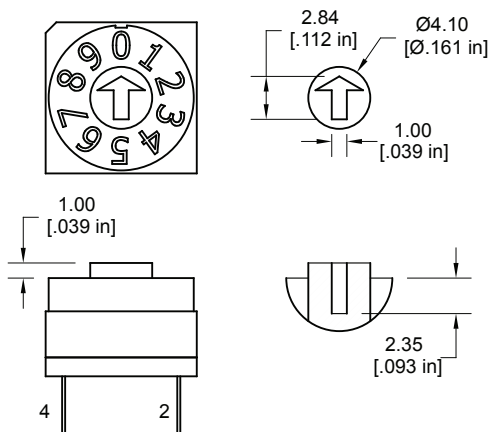


RDT SERIES ROTARY DIP SWITCH

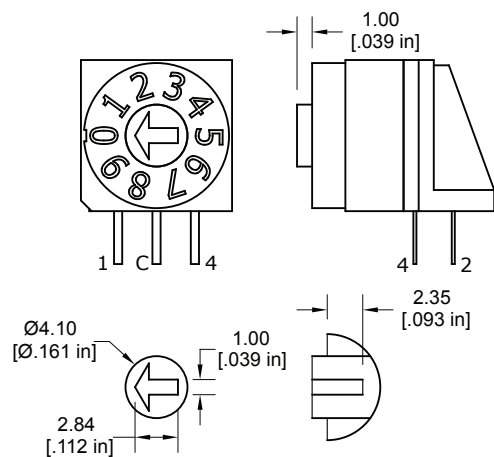
ACTUATOR OPTIONS (CONT.)

VERTICAL

"D" ACTUATOR

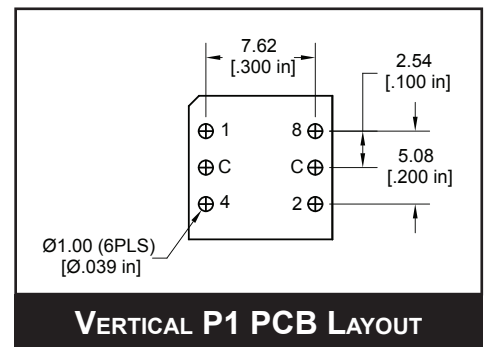
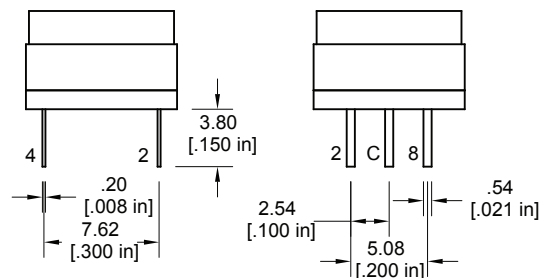


RIGHT ANGLE



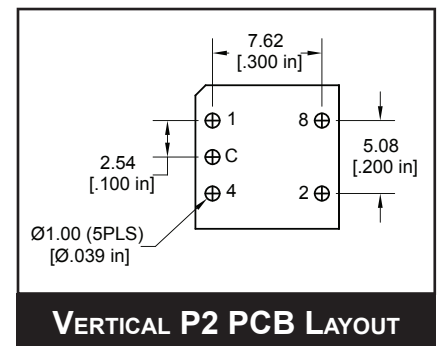
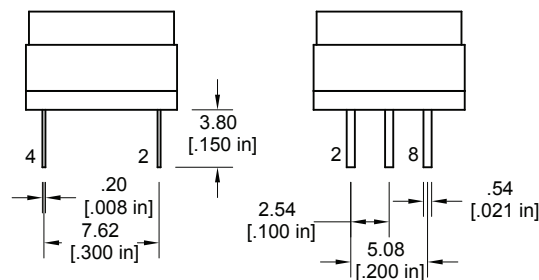
TERMINATION OPTIONS

P1 - VERTICAL



VERTICAL P1 PCB LAYOUT

P2 - VERTICAL



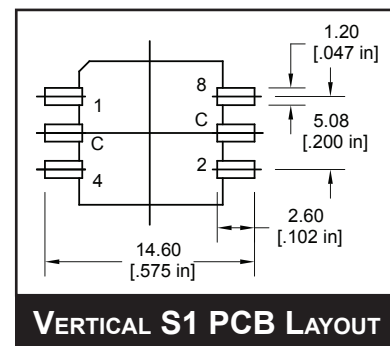
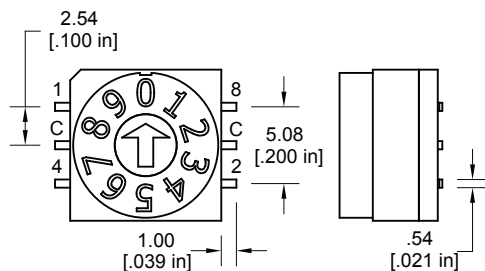
VERTICAL P2 PCB LAYOUT



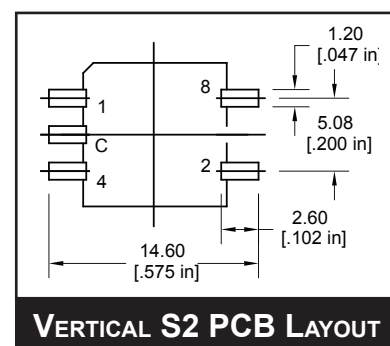
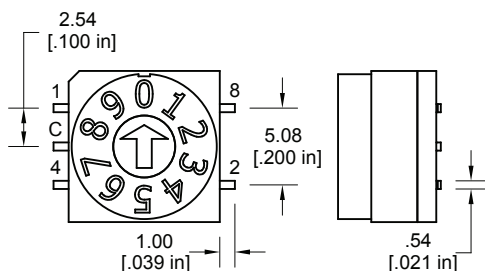
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TERMINATION OPTIONS (CONT.)

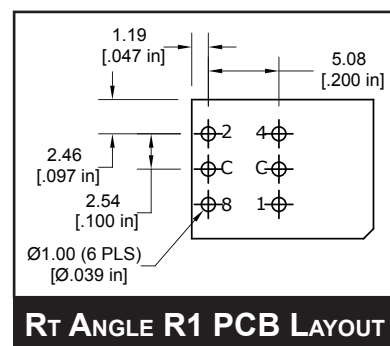
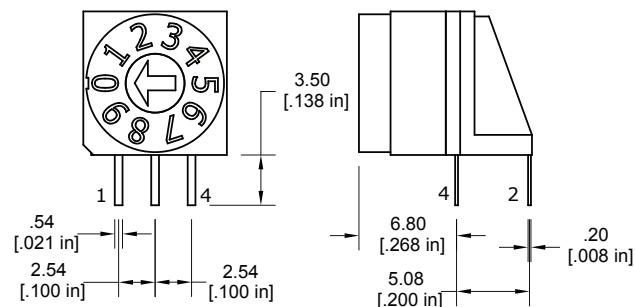
S1 - VERTICAL



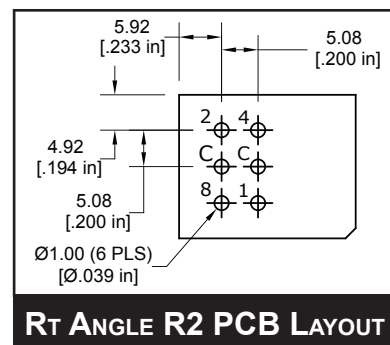
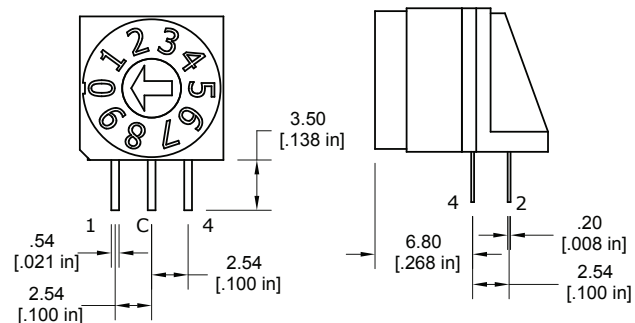
S2 - VERTICAL



R1 - RIGHT ANGLE



R2 - RIGHT ANGLE



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