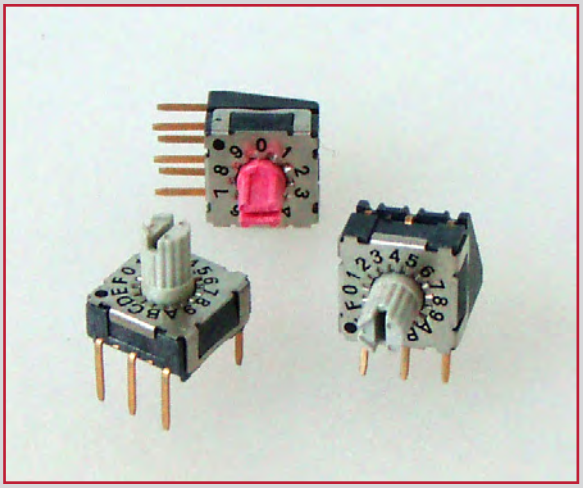
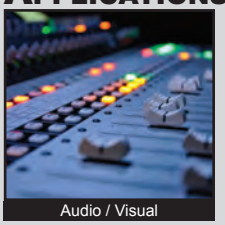
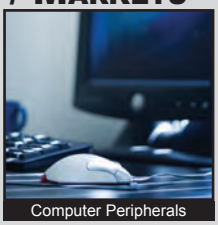
RDM Series Rotary DIP Switch



Applications / Markets


Audio / Visual


Computer Peripherals


Consumer Electronics


Instrumentation


Telecommunication


Medical Equipment

RoHS

Specifications

Electrical Rating:
Switching: 42VDC, 100mA
Non-Switching: 42VDC, 400mA
Life Expectancy: 25,000 steps
Contact Resistance: 80mΩ Max.
Insulation Resistance: 100 MΩ Min. at 250VDC
Dielectric Strength: 250VAC 1 min.
Operating Temperature: -60°C to 125°C
Actuation Force: 120 gf +/- 30gf
Travel: dependent upon individual switch positions

Features & Benefits

- **Offers IP67 sealing protection**
- **Available in 10 or 16 positions**
- **Ultra slim size for high density mounting**
- **Gold contacts**

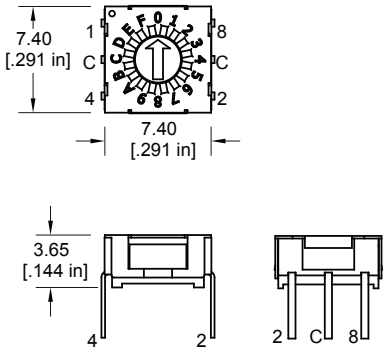
Part Number Configurator

Series	Actuator	Code	Positions	Terminals	Packaging
RDM	**A** - Arrow Flush **B** - Shaft 4.5 high **E** - Shaft 4.2 high	**R** - Real **C** - Complementary	**10** **16**	**P1** - TH 3x3 terminals **S1** - SM 3x3 terminals **R1** - Angled 5.08 spacing **R2** - Angled 2.54 spacing	**T** - Tube **R** - Tape & Reel

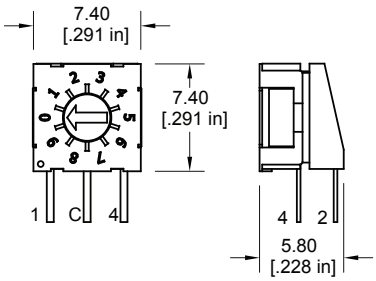
Specifications subject to change without notice

Body Dimensions

Vertical



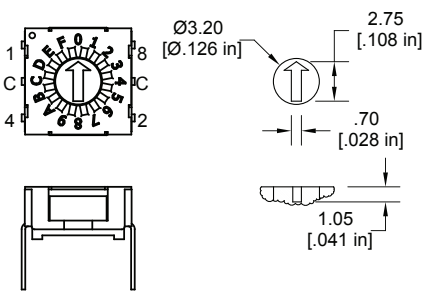
Right Angle



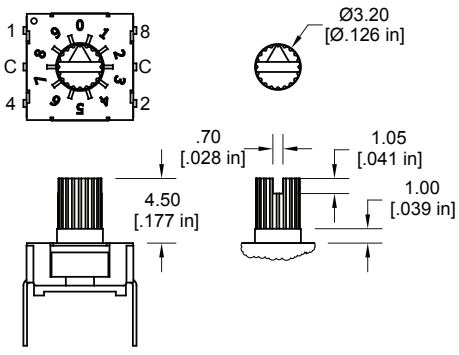
Actuator Options

Vertical

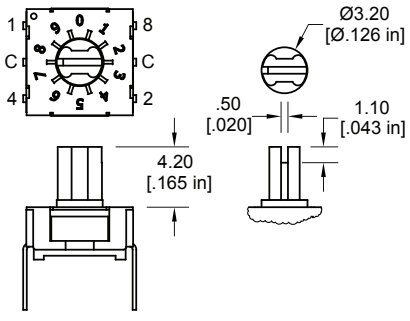
"A" Actuator



"B" Actuator

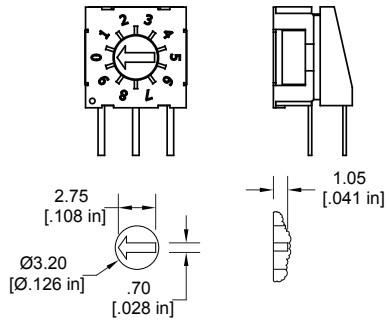


"E" Actuator

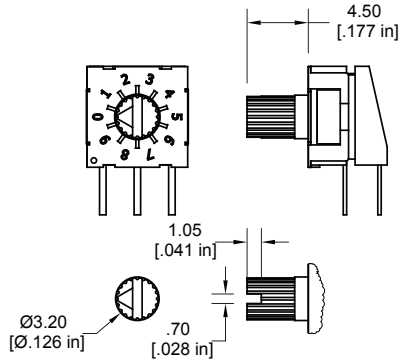


Right Angle

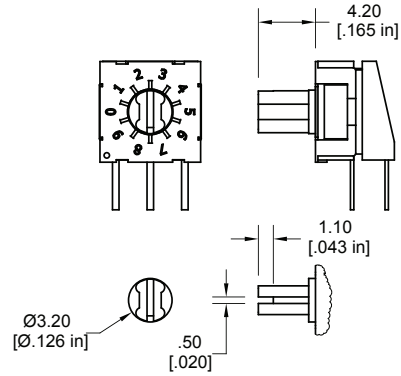
"A" Actuator



"B" Actuator



"E" Actuator



GENERAL CODE

COMPLEMENT CODE

	C	$\overline{1}$	$\overline{2}$	$\overline{4}$	$\overline{8}$	
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
(ACTUATOR COLOR: IVORY)

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
(ACTUATOR COLOR: GRAY)

COMPLEMENT CODE

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

10 POSITION
(ACTUATOR COLOR: ORANGE)

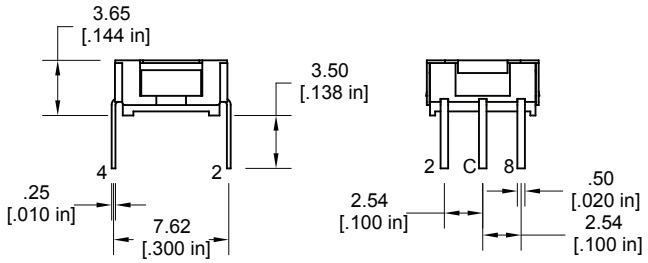
REAL CODE

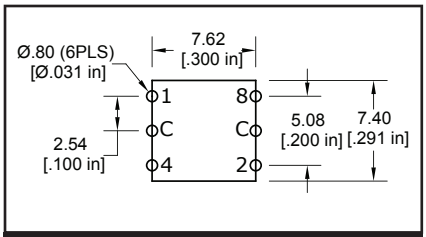
	C	1	2	4	8
0	●				
1	●	●			
2	●		●		
3	●	●	●		
4	●			●	
5	●	●		●	
6	●		●	●	
7	●	●	●	●	
8	●				●
9	●	●			●

10 POSITION
(ACTUATOR COLOR: RED)

TERMINATION OPTIONS

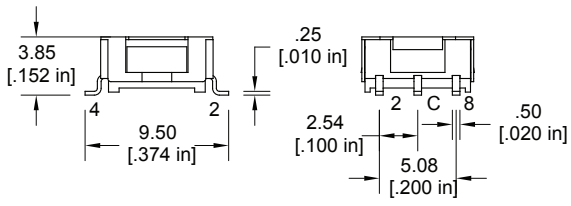
P1 - VERTICAL

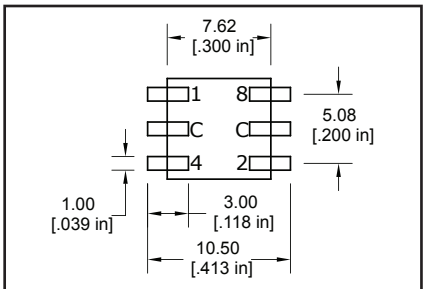




VERTICAL P1 PCB LAYOUT

S1 - VERTICAL

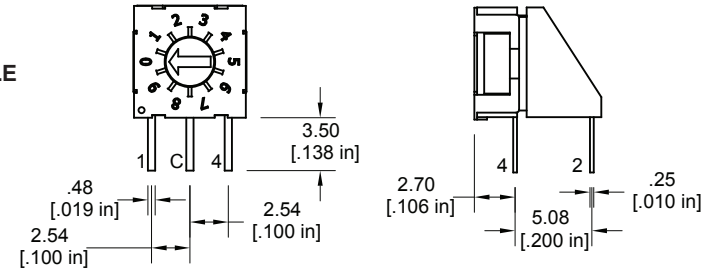


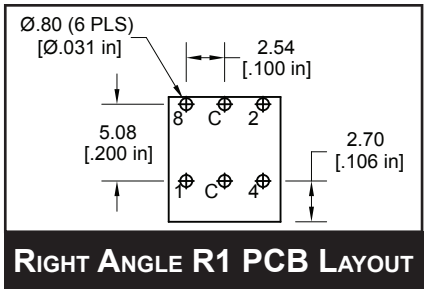


VERTICAL S1 PCB LAYOUT

Termination Options (Cont.)

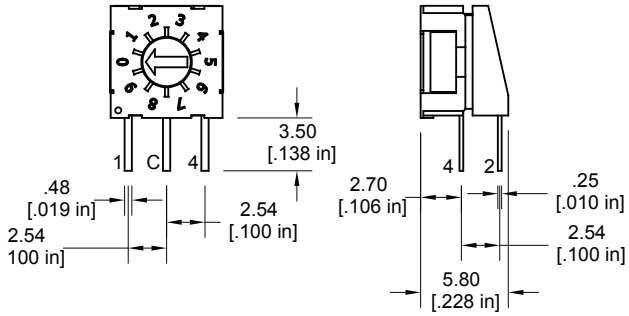
R1 - Right Angle

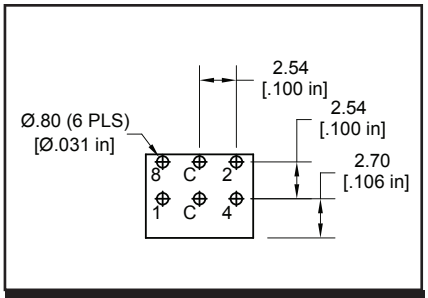




Right Angle R1 PCB Layout

R2 - Right Angle





Right Angle R2 PCB Layout