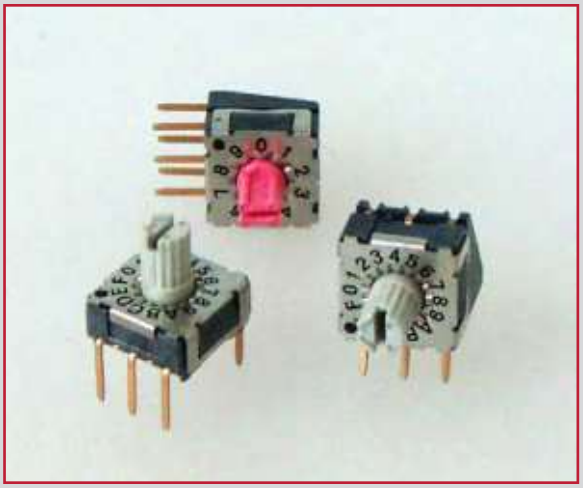
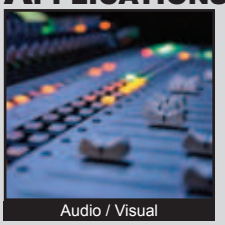
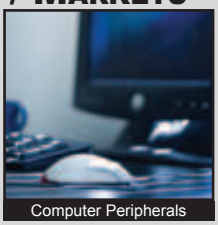
RDM Series Rotary DIP Switch



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**

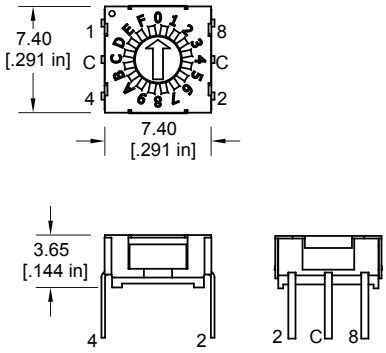
Part Number Configurator

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

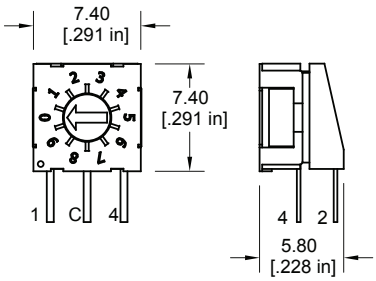
Specifications subject to change without notice

Body Dimensions

Vertical



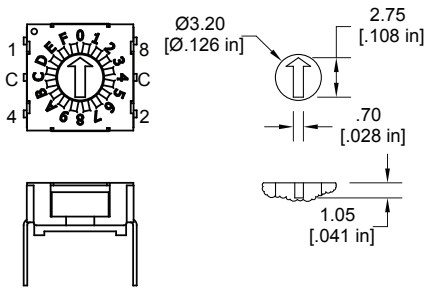
Right Angle



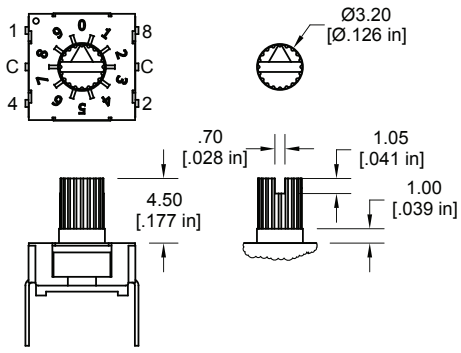
Actuator Options

Vertical

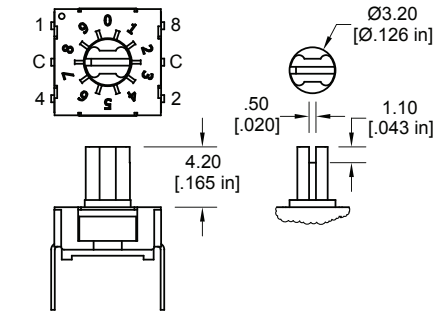
"A" Actuator



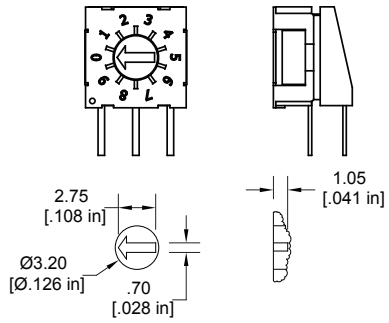
"B" Actuator

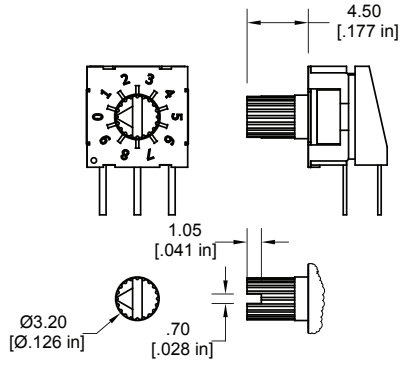


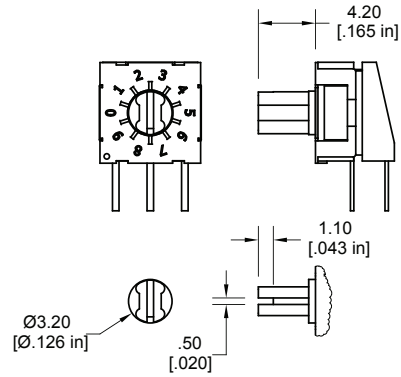
"E" Actuator



Right Angle







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)

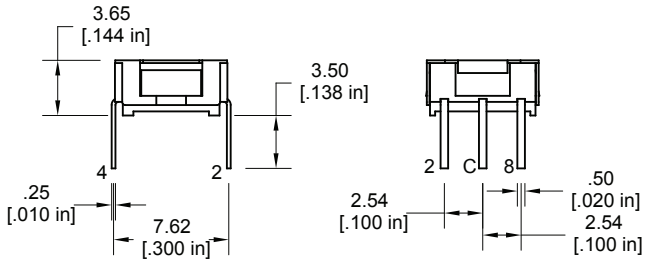
REAL CODE

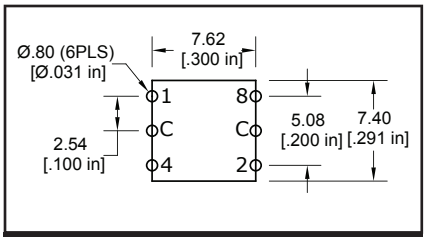
	C	1	2	4	8
0	●				
1	●	●			
2	●		●		
3	●	●	●		
4	●			●	
5	●	●		●	
6	●		●	●	
7	●	●	●	●	
8	●				●
9	●	●			●

10 POSITION
(ACTUATOR COLOR: RED)

TERMINATION OPTIONS

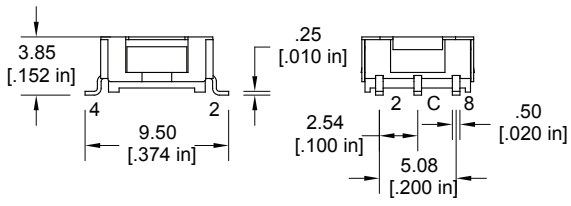
P1 - VERTICAL

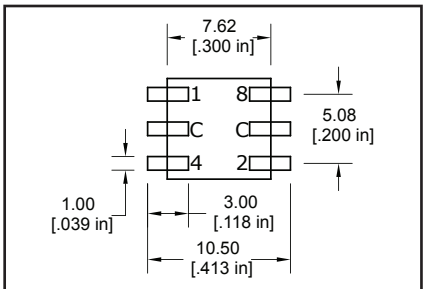




VERTICAL P1 PCB LAYOUT

S1 - VERTICAL

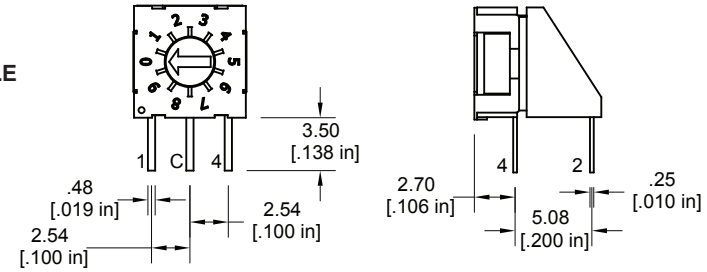


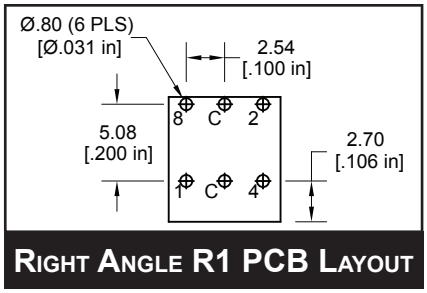


VERTICAL S1 PCB LAYOUT

Termination Options (Cont.)

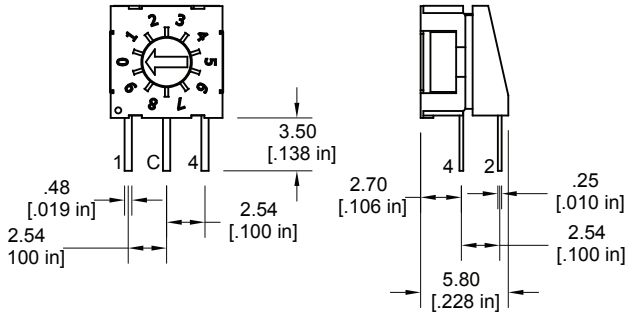
R1 - Right Angle

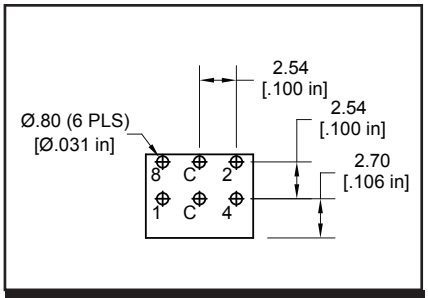




Right Angle R1 PCB Layout

R2 - Right Angle





Right Angle R2 PCB Layout