

CIT RELAY & SWITCH™
Division of Circuit Interruption Technology, Inc.

RD07

Process Sealed Coded Rotary DIP - 7mm

Specifications

Electrical Ratings	100mA @ 50VDC
Electrical Life	25,000 steps typical
Contact Resistance	<80mΩ initial
Rotational Torque	120gF maximum
Dielectric Strength	250Vrms min. @ sea level

Insulation Resistance	>100MΩ min
Operating Temperature	-40ºC to 85ºC
Storage Temperature	-40ºC to 85ºC
Sealing Degree	IP67

Materials

Actuator	LCP
Cover	SUS
Housing	LCP
Contacts	Copper Alloy, Gold over Nickel Plated
Terminals	Copper Alloy, Gold over Nickel Plated

Ordering Information

1. Series	RD07	A	10	R	T	T
RD07						
2. Actuator Style A = Arrow, flush B = Slot, knurled 4.9mm C = Slot, flat 4.2mm						
3. Number of Positions 4 = 4 position 10 = 10 position 16 = 16 position						
4. Code Options R = Real Code C = Complementary Code						
5. Terminals T = Through-hole PC pin G = Gull wing, surface mount VA = Right angle PC pin, 2.54mm spacing VB = Right angle PC pin, 5.08mm spacing						
6. Packaging Options T = Tube R = Tape & Reel, for use with G terminals only						

Dimensions shown in mm. Dimensions are shown for reference purposes only.

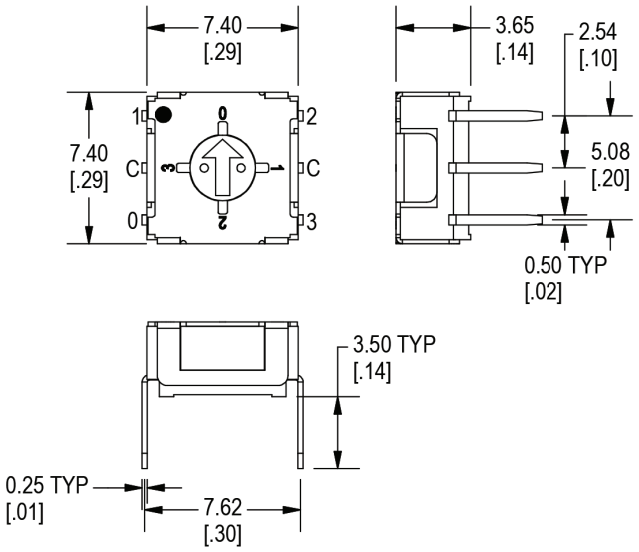
Specifications and availability subject to change without notice.

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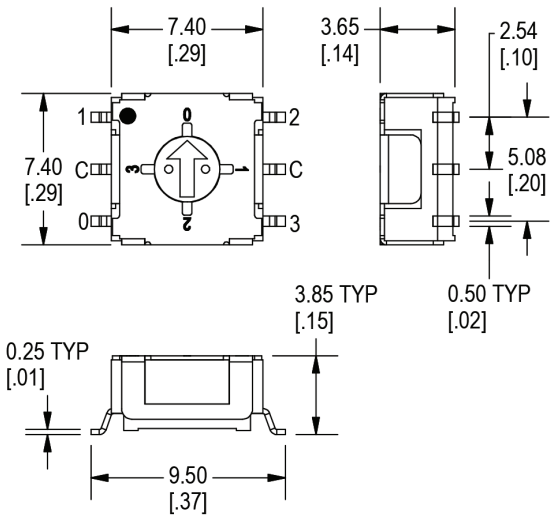
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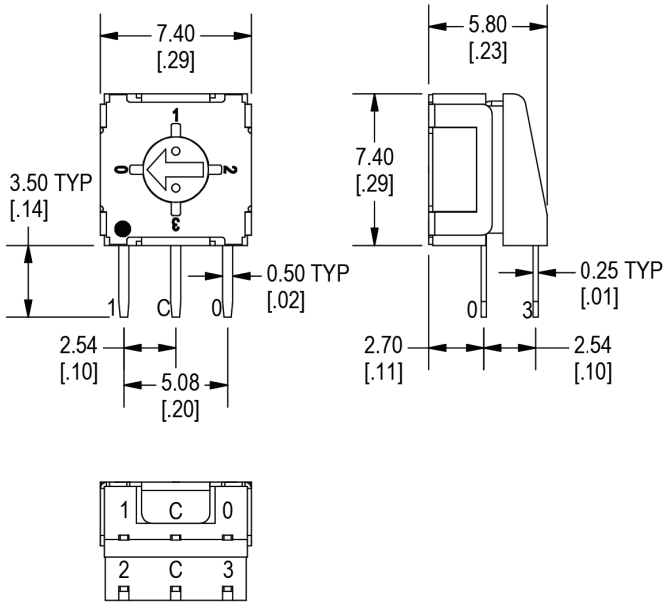
Dimensions - 4 Position



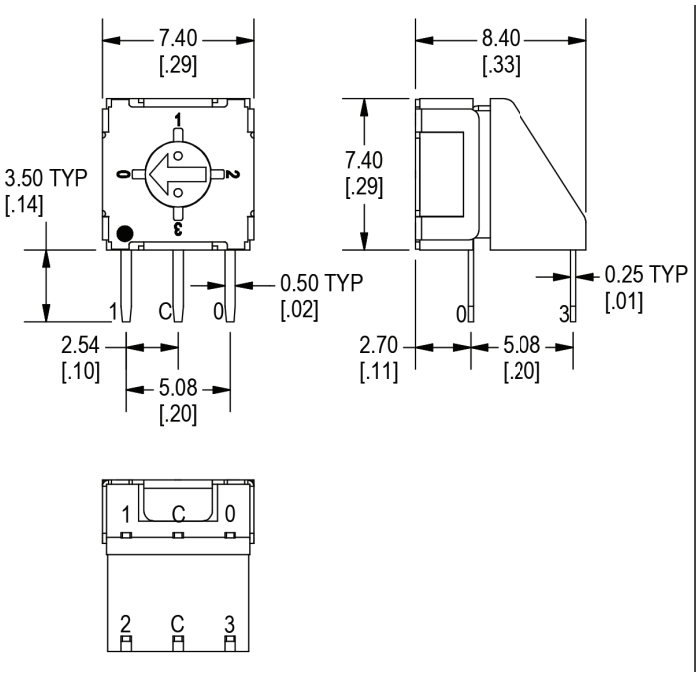
T Terminals



G Terminals



VA Terminals

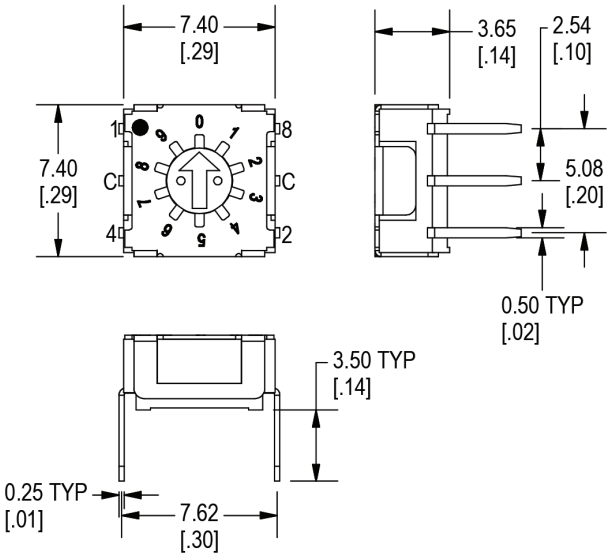


VB Terminals

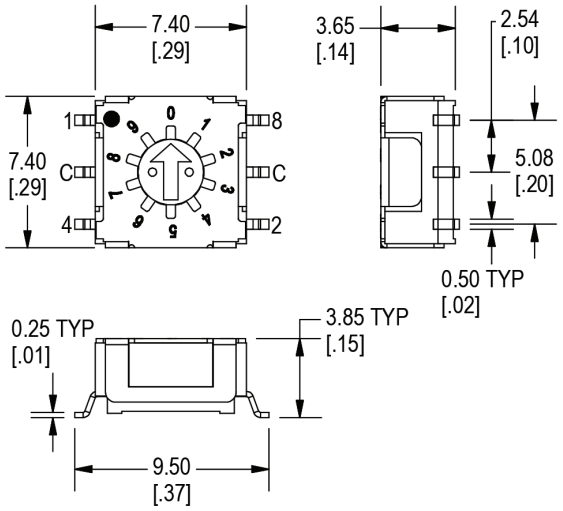
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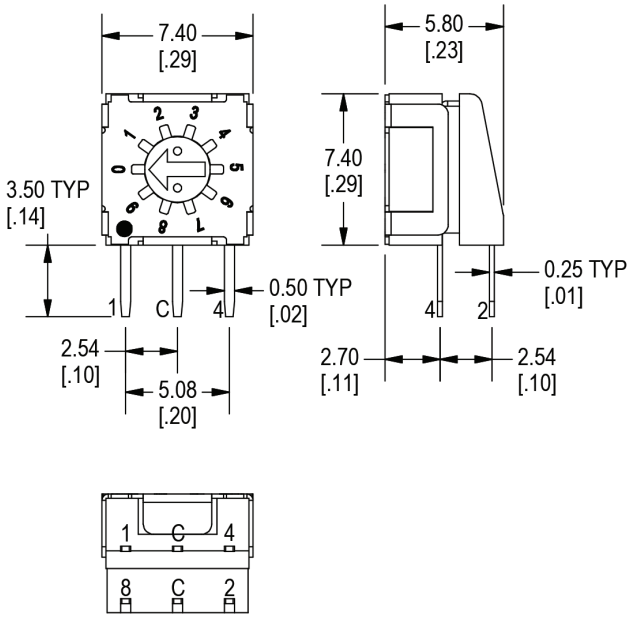
Dimensions - 10 Position



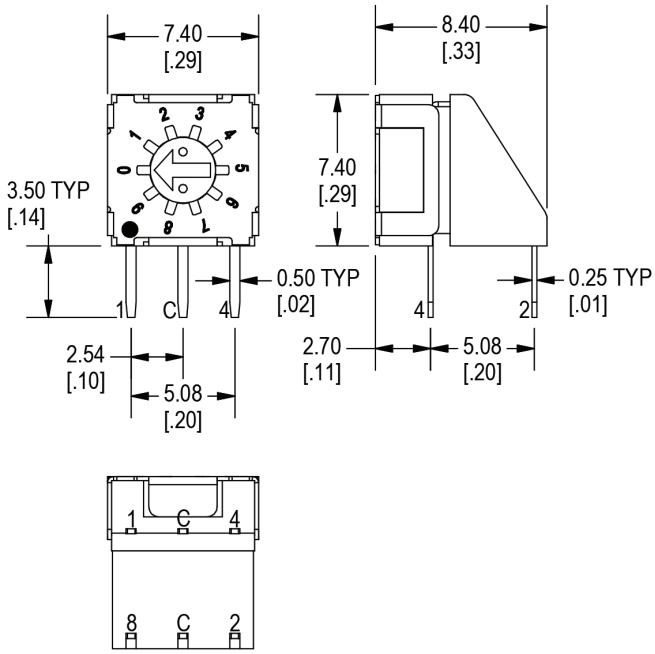
T Terminals



G Terminals



VA Terminals



VB Terminals

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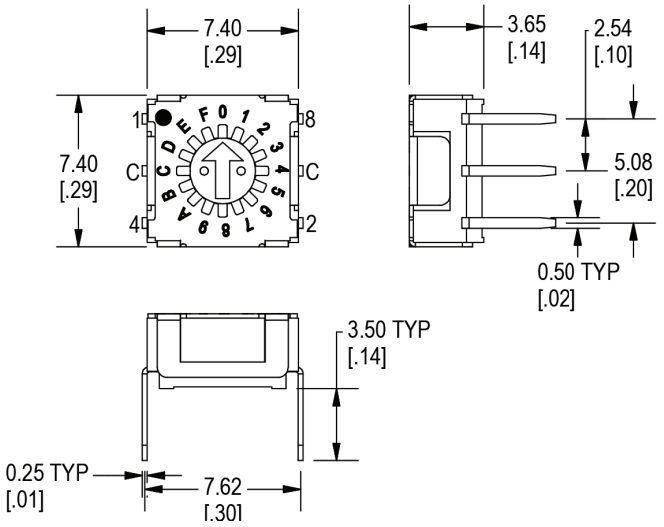
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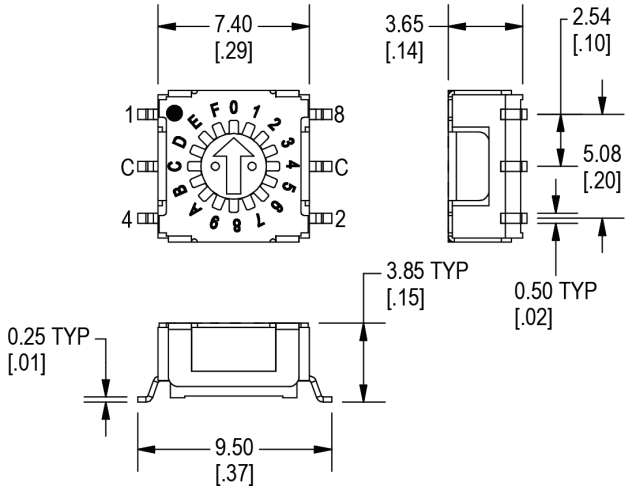
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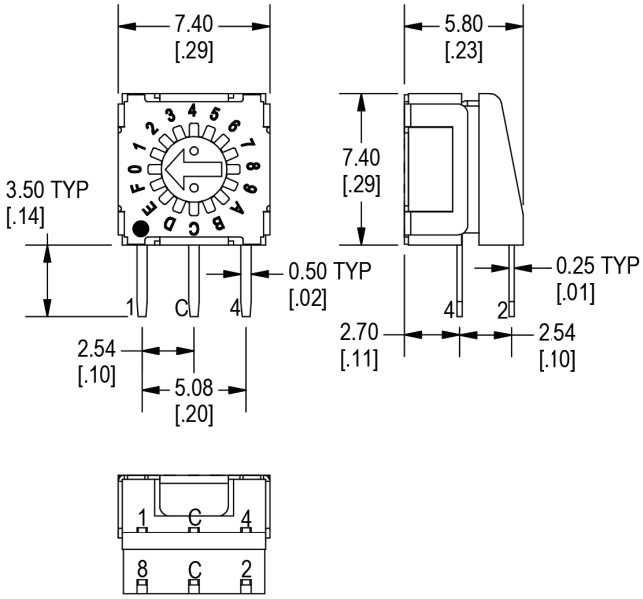
Dimensions - 16 Position



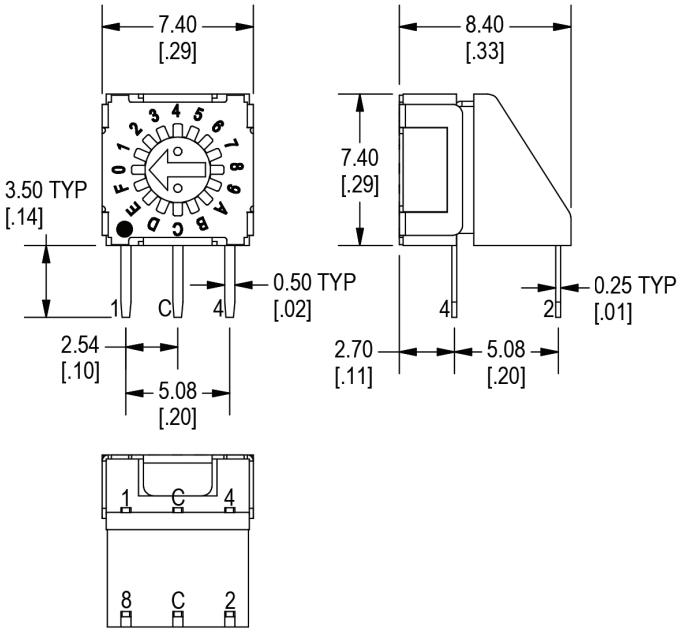
T Terminals



G Terminals



VA Terminals

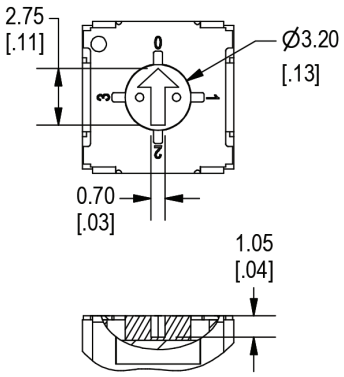


VB Terminals

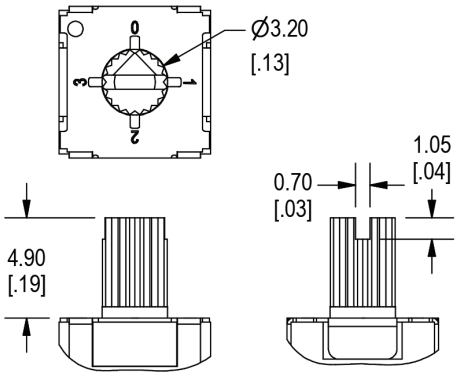
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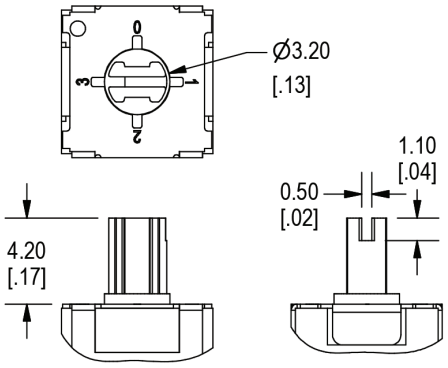
Actuator Options



A - Arrow, Flush

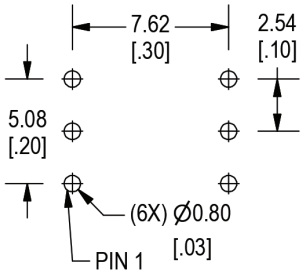


B - Slot, Knurled 4.9mm

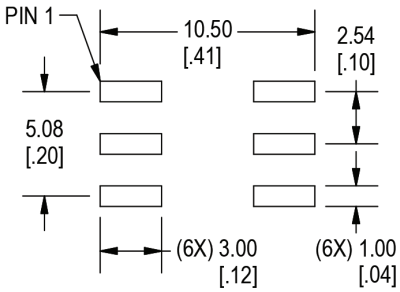


C - Slot, Flat 4.2mm

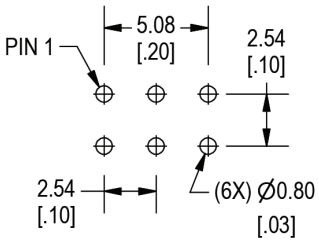
PC Layouts



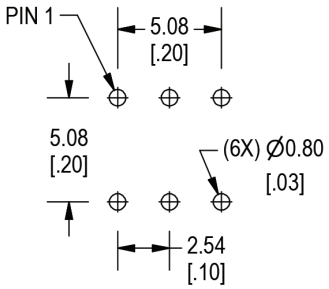
T - Through Hole PC Pin



G - Gull Wing, Surface Mount



VA - Right Angle PC Pin, 2.54mm spacing



VB - Right Angle PC Pin, 5.08mm spacing

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Code Options

4 Position Real Code			
Position	C	0	2
0	◆		
1	◆	◆	
2	◆		◆
3	◆	◆	◆

4 Position, BCD

4 Position Complement Code			
Position	C	0	2
0	◆	◆	◆
1	◆		◆
2	◆	◆	
3	◆		

4 Position, BCD Complement

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

10 Position, BCD

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

10 Position, BCD Complement

16 Position Real Code						
Position	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, BCD

16 Position Complement Code						
Position	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, BCD Complement

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Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

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