

CRE Series 10mm DIP Coded Rotary Switches

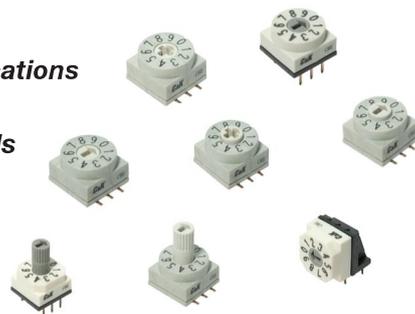
CRE Series
H
DIP

Features/Benefits

- Process sealed – withstands soldering and cleaning
- Thru-hole and surface mount models
- New designs with different actuators
- RoHS compatible and compliant
- New generation price competitive
- IP65

Typical Applications

- Address switching applications
- Data storage devices
- Computer and peripherals
- Instrumentation



Specifications

CONTACT RATING: 42 V DC 150mA (switching), 200mA (non-switching)

MECHANICAL & ELECTRICAL LIFE: 10,000 cycles

INITIAL CONTACT RESISTANCE: 200 mΩ max.

INSULATION RESISTANCE: 100 MΩ min.

OPERATING TEMPERATURE: -40°C to 85°C.

STORAGE TEMPERATURE: -40°C to 85°C.

OPERATING FORCE: 700 gf max.

SOLDER CONDITIONS:

- Straight and right-angle types: Iron soldering 2s/340°C, wave soldering 5s/280°C
- Through-hole and SMT types: Iron soldering 2s/340°C, wave soldering: 5s/280°C, reflow soldering 10s/260°C

SOLDERABILITY: Dip and look solderability testing per C&K spec #448

PACKAGING: Switches are supplied in rigid dispensing tubes in full-tube quantities only, this may affect order quantities. Number of switches per tube varies with model. Tape and reel packing also available with exception for the right-angle "A" type terminations.

Materials

COVER:

- Straight and right-angle types: Nylon#66 (G45%)
- Through-hole and SMT types: LCP (G30%)

BASE:

- Straight and right-angle types: Nylon#66 (G45%)
- Through-hole and SMT types: LCP (G30%)

ACTUATOR:

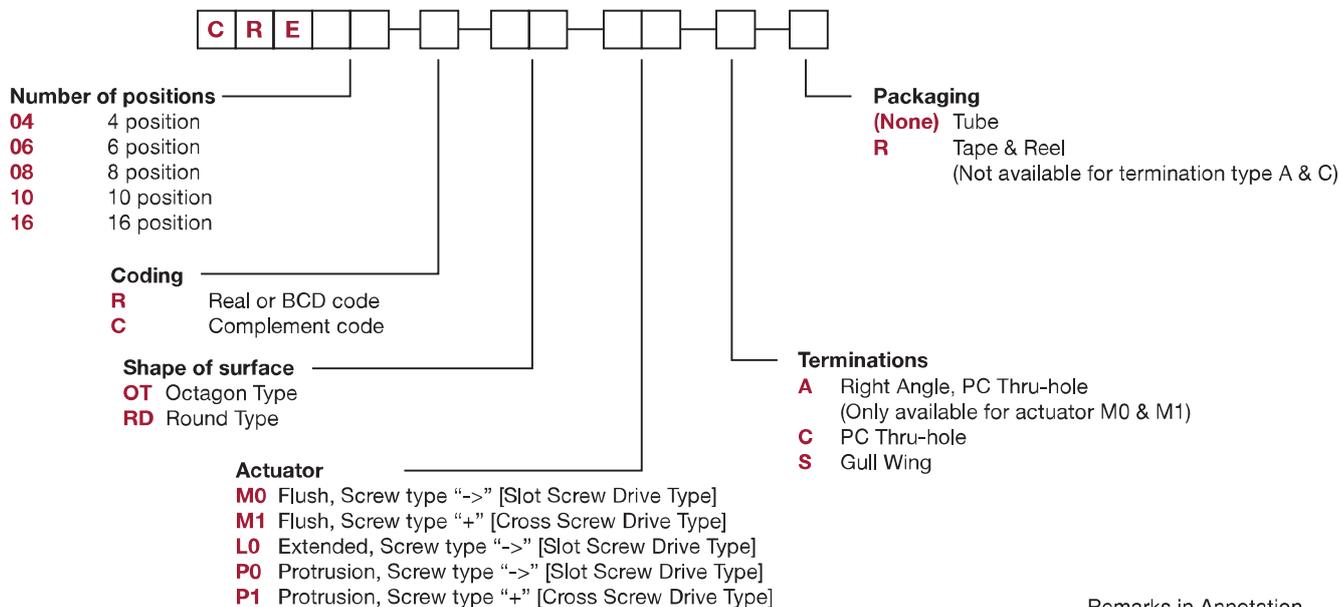
- Straight and right-angle types: Poly Acetal
- Through-hole and SMT types: Nylon#66 (G45%)

CONTACTS: Brass with Gold nickel plating

TERMINALS: Brass with Gold nickel plating

How To Order

The Build-A Switch concept allows you to mix and match options to create the switch you need. Below is a complete listing of options shown in catalog. To order, simply select desired option from each category and place in the appropriate box.



Remarks in Annotation



Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change



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CODING

DIP H

R Real Code

04 POSITION

		Real Code				
		C	1	2	4	8
04 POSITION	0	•				
	1	•	•			
	2	•	•	•		
	3	•	•	•	•	

06 POSITION

		Real Code				
		C	1	2	4	8
06 POSITION	0	•				
	1	•	•			
	2	•	•	•		
	3	•	•	•	•	
	4	•	•	•	•	•
	5	•	•	•	•	•

08 POSITION

		Real Code				
		C	1	2	4	8
08 POSITION	0	•				
	1	•	•			
	2	•	•	•		
	3	•	•	•	•	
	4	•	•	•	•	•
	5	•	•	•	•	•
	6	•	•	•	•	•
	7	•	•	•	•	•

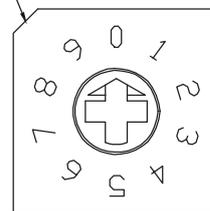
10 POSITION

		Real Code				
		C	1	2	4	8
10 POSITION	0	•				
	1	•	•			
	2	•	•	•		
	3	•	•	•	•	
	4	•	•	•	•	•
	5	•	•	•	•	•
	6	•	•	•	•	•
	7	•	•	•	•	•
	8	•	•	•	•	•
	9	•	•	•	•	•

16 POSITION

		Real Code				
		C	1	2	4	8
16 POSITION	0	•				
	1	•	•			
	2	•	•	•		
	3	•	•	•	•	
	4	•	•	•	•	•
	5	•	•	•	•	•
	6	•	•	•	•	•
	7	•	•	•	•	•
	8	•	•	•	•	•
	9	•	•	•	•	•
	A	•	•	•	•	•
	B	•	•	•	•	•
	C	•	•	•	•	•
	D	•	•	•	•	•
	E	•	•	•	•	•
	F	•	•	•	•	•

PIN 1 INDICATOR



C Complement Code

04 POSITION

		Complement Code				
		C	1	2	4	8
04 POSITION	0	•	•	•	•	•
	1	•	•	•	•	•
	2	•	•	•	•	•
	3	•	•	•	•	•

06 POSITION

		Complement Code				
		C	1	2	4	8
06 POSITION	0	•	•	•	•	•
	1	•	•	•	•	•
	2	•	•	•	•	•
	3	•	•	•	•	•
	4	•	•	•	•	•
	5	•	•	•	•	•

08 POSITION

		Complement Code				
		C	1	2	4	8
08 POSITION	0	•	•	•	•	•
	1	•	•	•	•	•
	2	•	•	•	•	•
	3	•	•	•	•	•
	4	•	•	•	•	•
	5	•	•	•	•	•
	6	•	•	•	•	•
	7	•	•	•	•	•

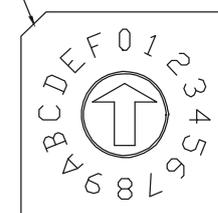
10 POSITION

		Complement Code				
		C	1	2	4	8
10 POSITION	0	•	•	•	•	•
	1	•	•	•	•	•
	2	•	•	•	•	•
	3	•	•	•	•	•
	4	•	•	•	•	•
	5	•	•	•	•	•
	6	•	•	•	•	•
	7	•	•	•	•	•
	8	•	•	•	•	•
	9	•	•	•	•	•

16 POSITION

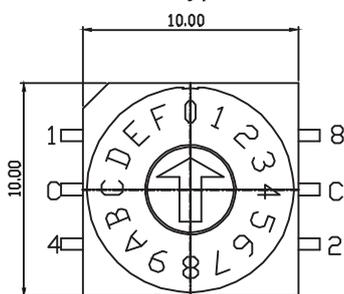
		Complement Code				
		C	1	2	4	8
16 POSITION	0	•	•	•	•	•
	1	•	•	•	•	•
	2	•	•	•	•	•
	3	•	•	•	•	•
	4	•	•	•	•	•
	5	•	•	•	•	•
	6	•	•	•	•	•
	7	•	•	•	•	•
	8	•	•	•	•	•
	9	•	•	•	•	•
	A	•	•	•	•	•
	B	•	•	•	•	•
	C	•	•	•	•	•
	D	•	•	•	•	•
	E	•	•	•	•	•
	F	•	•	•	•	•

PIN 1 INDICATOR

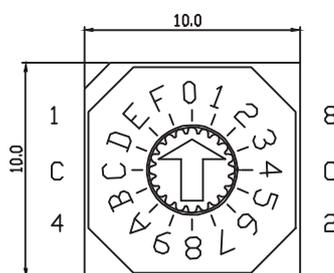


SHAPE OF SURFACE

RD Round Type



OT Octagon Type



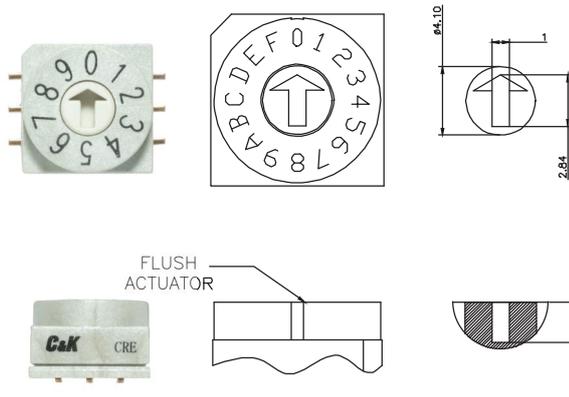
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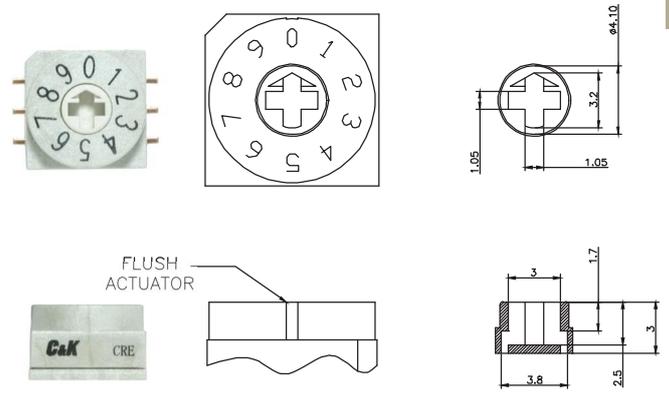
H
DIP

ACTUATOR

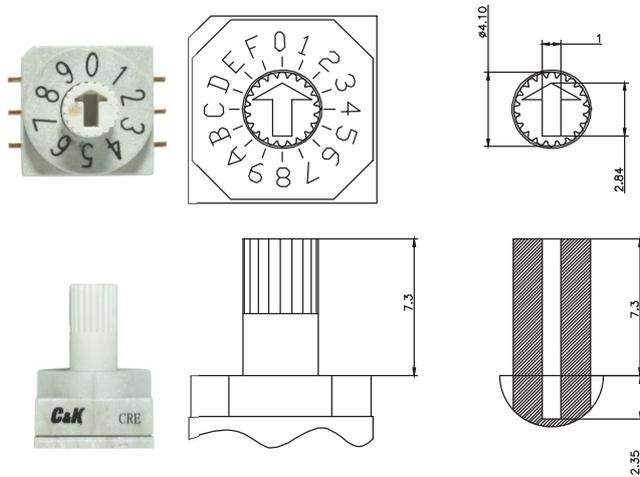
M0 Flush, Screw type “->”



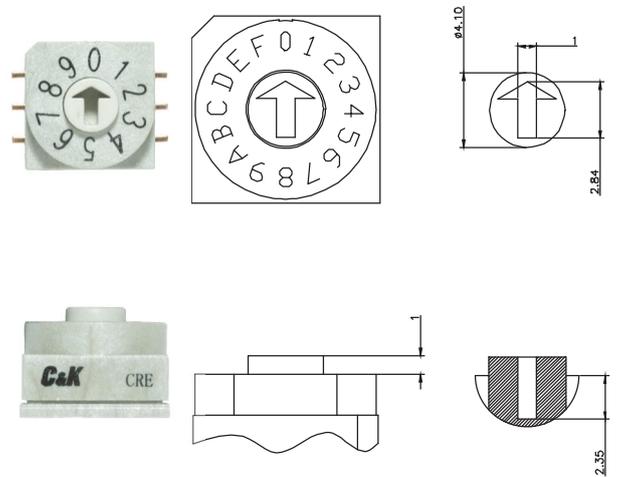
M1 Flush, Screw type “+”



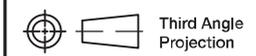
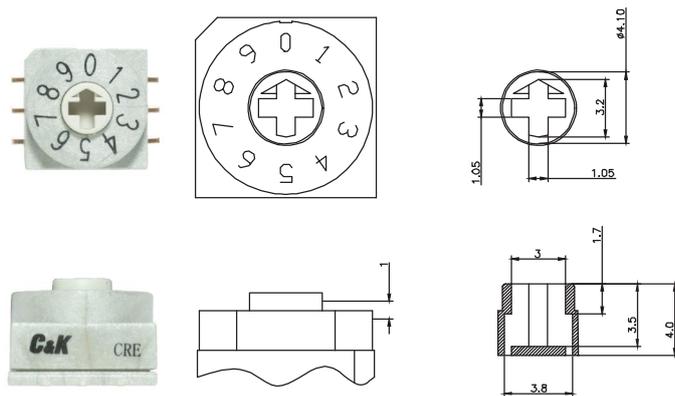
L0 Extended, Screw type “->”



P0 Protrusion, Screw type “->”



P1 Protrusion, Screw type “+”



Third Angle
Projection

Dimensions are shown: Inch (mm)
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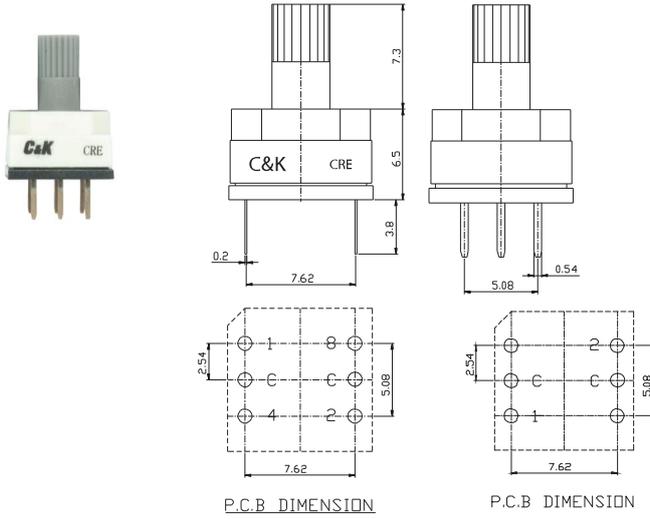


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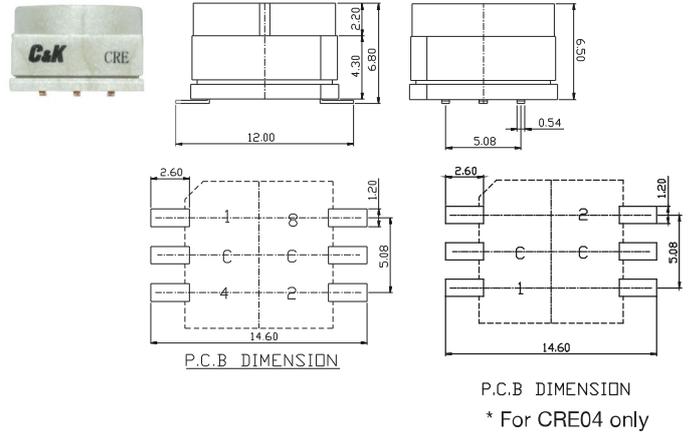
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TERMINATIONS

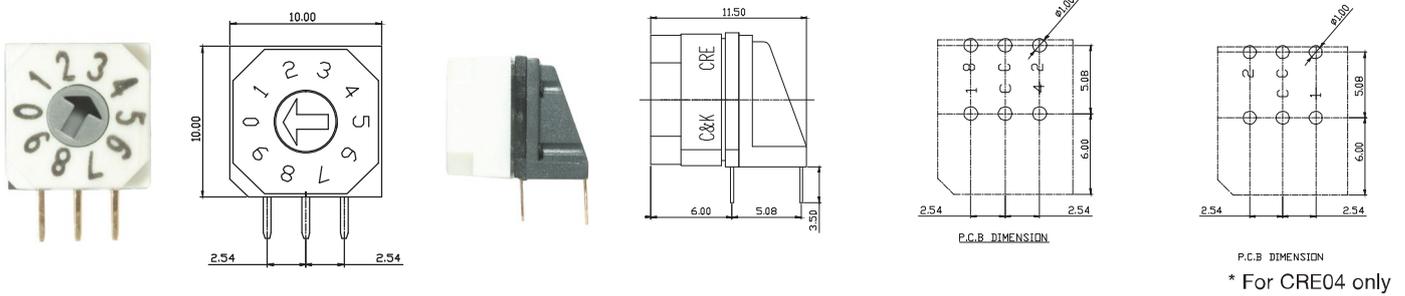
C PC Thru-hole



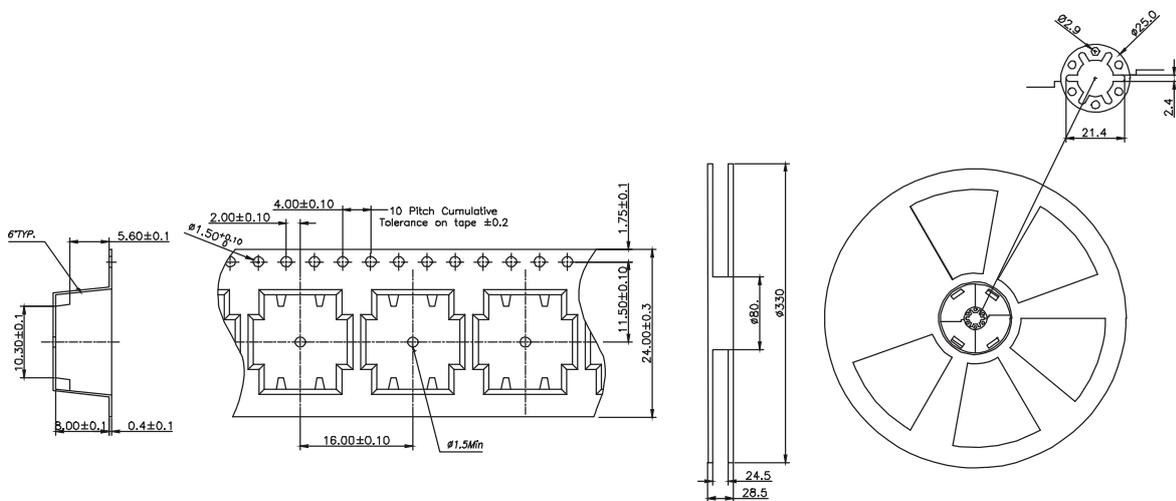
S Gull wing



A Right Angle Thru-hole



TAPE & REEL



TAPE & REEL: 600 pcs



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