

DIP



Features/Benefits

- ***Process sealed – withstands soldering and cleaning***
- ***Thru-hole and surface mount models***
- ***Crisp, positive detent ensures actuation***

Typical Applications

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

Specifications

CONTACT RATING: 0.4 V AC, DC 20 V max.

ELECTRICAL LIFE: 20,000 steps min. @ 5 V DC 10 mA.

MECHANICAL LIFE: 30,000 steps min.

CONTACT RESISTANCE: 100 milliohms max. initial
@ 2 V DC 10 mA.

INSULATION RESISTANCE: 1000 megohms min. @ 100 V DC

DIELECTRIC STRENGTH: 300 V AC for 1 minute.

OPERATING TEMPERATURE: -20°C to 85°C.

STORAGE TEMPERATURE: -40°C to 85°C.

OPERATING FORCE: 1000 grams max.

PACKAGING: Switches supplied in anti-static tubes in full quantities only. This may affect order quantity. Surface mount models with MO actuators available in tape and reel, 500 pieces per reel.

Materials

COVER: (PTH) PBT red; (SMT) PPA - red (UL 94V-0).

HOUSING: (PTH) PBT green; (SMT) PPA - red (UL 94V-0).

ACTUATOR: 4/6 nylon PA-6T (UL 94V-0).

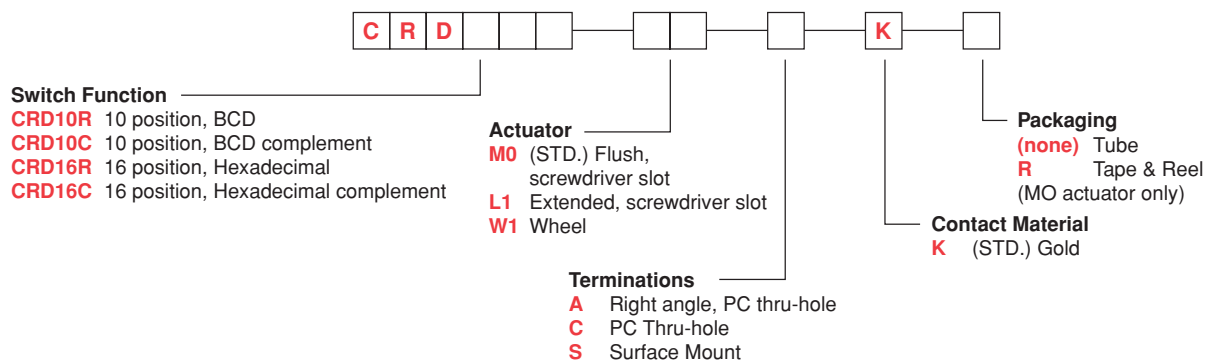
CONTACTS: Beryllium copper with gold plating.

TERMINALS: Brass with tin-lead plate.

NOTE: Specifications and materials listed above are for switches with standard options.
For information on specific and custom switches, consult Customer Service Center.

How To Order

Our easy 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. .

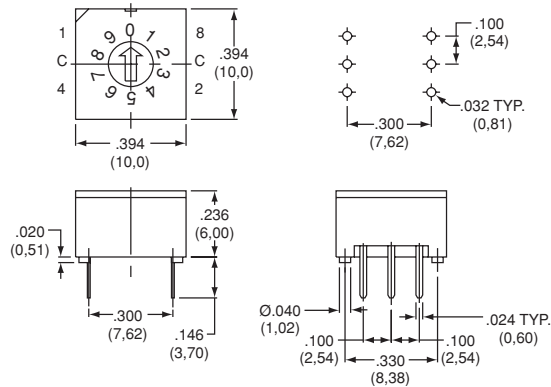


C&K CRD Series 10mm DIP Coded Rotary Switches

SWITCHES WITH STANDARD OPTIONS

PC Mount

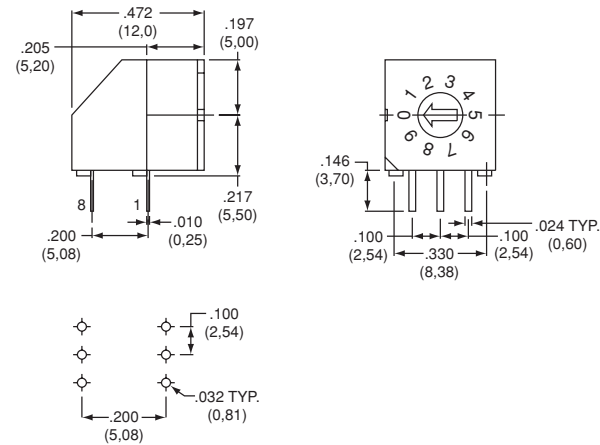
PART NUMBER	NO. POS.	QUANTITY PER TUBE
CRD10RM0CK	10	45
CRD16RM0CK	16	45



CRD10RM0CK

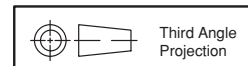
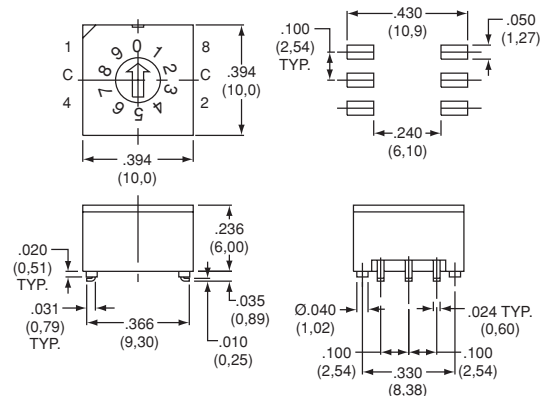
Right Angle Mount

PART NUMBER	NO. POS.	QUANTITY PER TUBE
CRD10RM0AK	10	45
CRD16RM0AK	16	45



Surface Mount

PART NUMBER	NO. POS.	QUANTITY PER TUBE
CRD10RM0SK	10	45
CRD16RM0SK	16	45



C&K CRD Series

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H

DIP

SWITCH FUNCTION

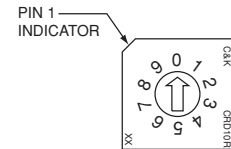


CRD10R 10 POSITION, BCD
ACTUATOR COLOR: WHITE

CRD10C 10 POSITION, BCD COMPLEMENT
ACTUATOR COLOR: BLACK

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

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

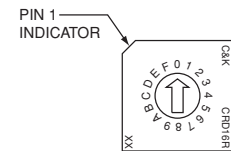


CRD16R 16 POSITION, HEXADECIMAL
ACTUATOR COLOR: WHITE

CRD16C 16 POSITION, HEXADECIMAL COMPLEMENT
ACTUATOR COLOR: BLACK

POS.	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1		●		●		●		●		●		●		●		●
2			●		●		●		●		●		●		●	
4				●		●		●		●		●		●		●
8									●	●	●	●	●	●	●	●

POS.	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1	●		●		●		●		●		●		●		●	
2	●			●		●		●		●		●		●		●
4	●	●		●				●		●		●		●		●
8	●	●	●	●	●	●	●	●								



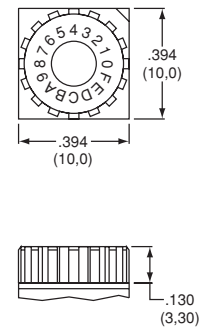
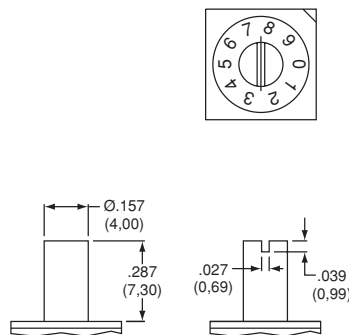
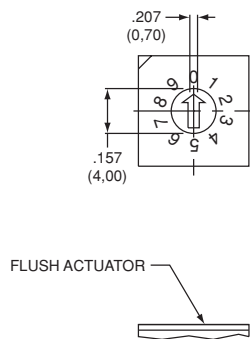
ACTUATOR



M0 (STD.) FLUSH WITH SCREWDRIVER SLOT

L1 EXTENDED WITH SCREWDRIVER SLOT

W1 WHEEL



NOTE: Designed for #0 Phillips screwdriver.



Third Angle
Projection



Cannon

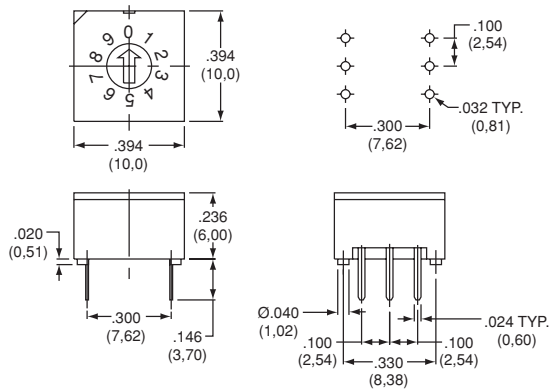
Dimensions are shown in inch (mm)
Dimensions subject to change

www.ittcannon.com

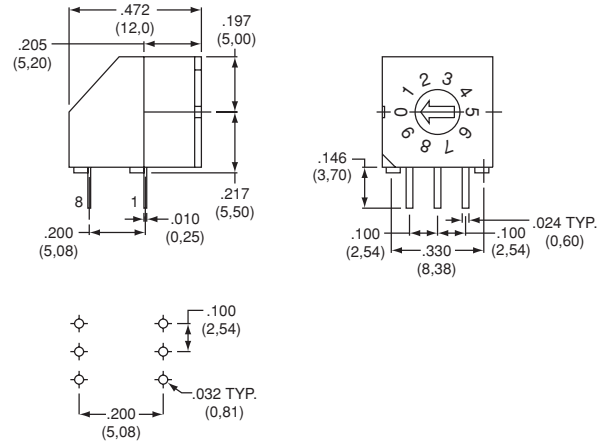
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TERMINATIONS

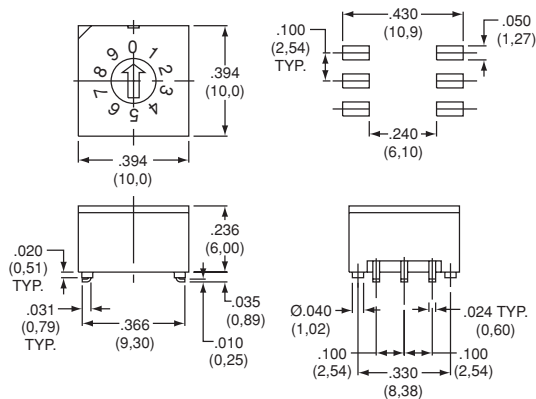
C PC THRU-HOLE



A RIGHT ANGLE, PC THRU-HOLE



S SURFACE MOUNT

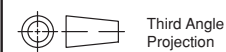
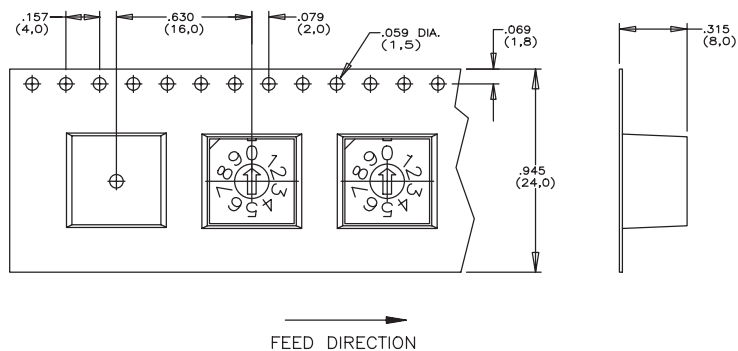


CONTACT MATERIAL

OPTION CODE	CONTACT MATERIAL	TERMINAL PLATING	RATING
K (STD.)	GOLD	TIN-LEAD	LOW LEVEL/DRY CIRCUIT 0.4 V AC MAX. @ 20 V AC or DC MAX.

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TAPE & REEL



Dimensions are shown in inch (mm)
Dimensions subject to change