

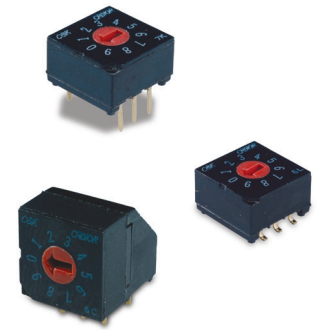
CRD Series 10mm DIP Coded Rotary Switches

Features/Benefits

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

Typical Applications

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



H

DIP

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: PPS (black)

HOUSING: PPS (black)

ACTUATOR: PA 6T M0 actuator option; PBT L1 and W1 actuator option.

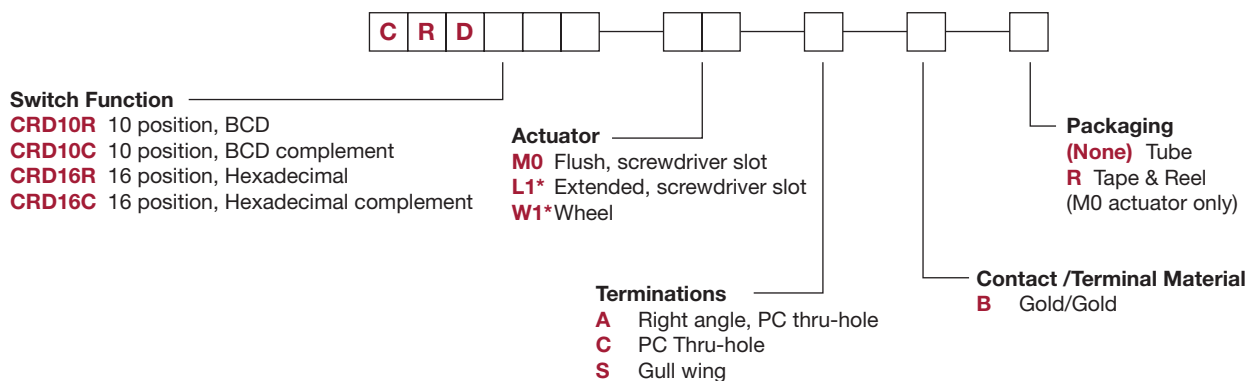
CONTACTS: Beryllium Copper with Gold over Nickel plate

TERMINALS: Brass with Gold Nickel 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

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.



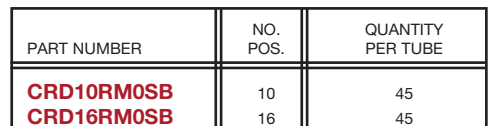
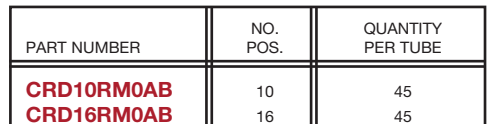
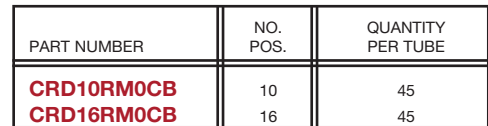
* Note - L1 and W1 actuators are not available in termination "S"



Third Angle
Projection

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

HIP



www.ckswitches.com

CRD Series 10mm DIP Coded Rotary Switches

SWITCH FUNCTION



H

DIP

CRD10R

10 POSITION, BCD
ACTUATOR COLOR: RED

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

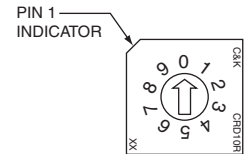
Switches ship and to be solder processed in position "0"

CRD10C

10 POSITION, BCD COMPLEMENT
ACTUATOR COLOR: ORANGE

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

Switches ship and to be solder processed in position "7"



CRD16R

16 POSITION, HEXADECIMAL
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							●		●		●		●		●	

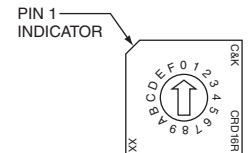
Switches ship and to be solder processed in position "0"

CRD16C

16 POSITION, HEXADECIMAL COMPLEMENT
ACTUATOR COLOR: WHITE

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

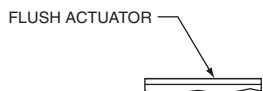
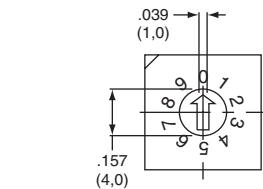
Switches ship and to be solder processed in position "F"



ACTUATOR

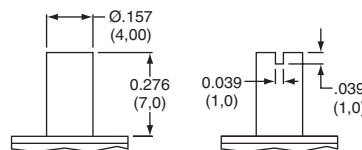
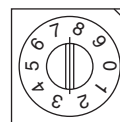


(STD.) FLUSH WITH SCREWDRIVER SLOT



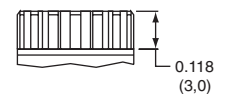
L1*

EXTENDED WITH SCREWDRIVER SLOT



W1*

WHEEL



NOTE: Designed for #0 Phillips screwdriver.

* L1 and W1 actuators are not available in termination "S"

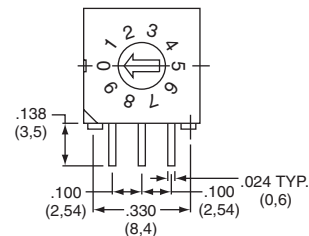
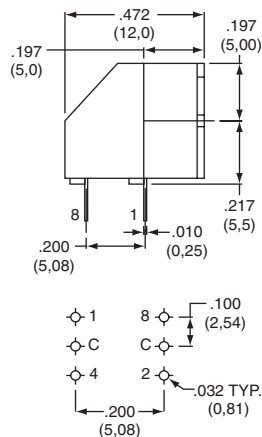


Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change



DIP H

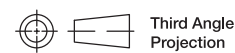
A RIGHT ANGLE, PC THRU-HOLE



MO

* Note: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.

Figure 10 is a technical drawing of a multi-hole punch part. The drawing includes a side view and a top view. The side view shows a series of holes with the following dimensions: .158 (4,0), .630 (16,0), .079 (2,0), .059 DIA (1,5), .069 (1,8), and .945 (24,0). The top view shows a circular hole pattern. A 'FEED DIRECTION' arrow points to the right.



C&K

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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