

# RM Series Subminiature Rotary Switches



## Features/Benefits

- Subminiature design saves space
- Screwdriver slot or extended shaft
- Positive detent
- RoHS compliant

## Typical Applications

- Audio & visual equipment
- Consumer electronics
- Telecom equipment

## Specifications

CONTACT RATING: 0.5A 24 V DC; 0.2A 48 V DC  
 OPERATING LIFE: 2,000 cycles  
 INSULATION RESISTANCE: 100 M  $\Omega$  min. 500 V DC  
 DIELECTRIC STRENGTH: 500 V AC for 1 minute  
 OPERATING FORCE: 270  $\pm$  100 gf cm  
 OPERATING TEMPERATURE: -40°C to 85°C

## Materials

COVER: PA66  
 BASE: PA6T  
 ACTUATOR: PA66  
 CONTACTS & TERMINALS: Brass with gold plate over nickel plate  
 SPRING: Brass

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

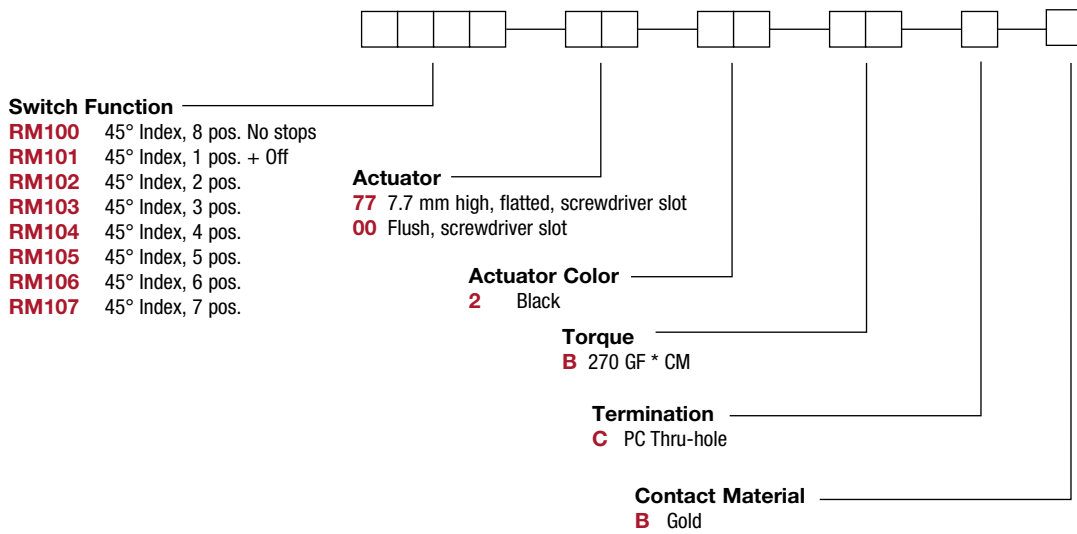


K

Rotary

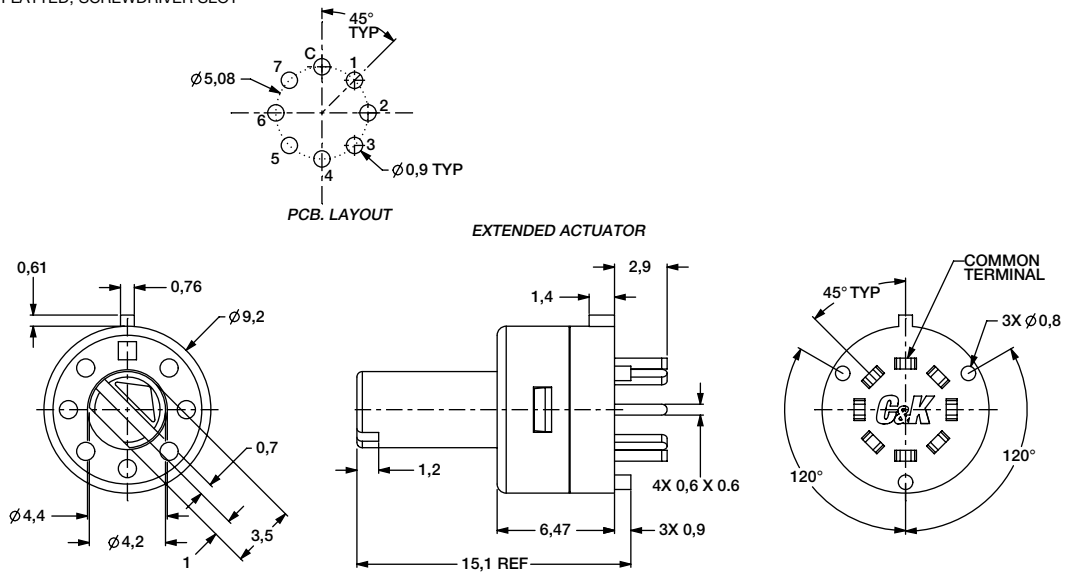
## Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages K-30 thru K-32. For additional options not shown in catalog, consult Customer Service Center.

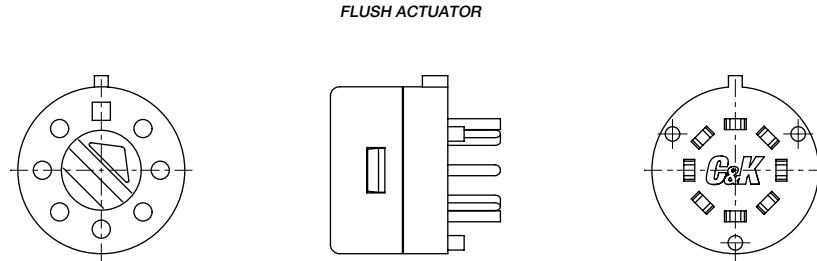


# RM Series Subminiature Rotary Switches

**77** 7.7 MM HIGH, FLATTED, SCREWDRIVER SLOT



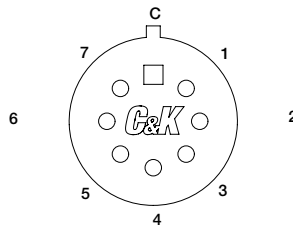
**00** FLUSH, SCREWDRIVER SLOT



ELECTRICAL SCHEMATIC - RM SERIES SWITCHES

SWITCH FUNCTION	TRAVEL POSITION 0°	TRAVEL POSITION 45°	TRAVEL POSITION 90°	TRAVEL POSITION 135°	TRAVEL POSITION 180°	TRAVEL POSITION 225°	TRAVEL POSITION 270°	TRAVEL POSITION 315°
RM100	C-C(OFF)	C-1	C-2	C-3	C-4	C-5	C-6	C-7
RM101	C-C(OFF)	X	X	X	X	X	X	C-7
RM102	X	C-1	C-2	X	X	X	X	X
RM103	X	C-1	C-2	C-3	X	X	X	X
RM104	X	C-1	C-2	C-3	C-4	X	X	X
RM105	X	C-1	C-2	C-3	C-4	C-5	X	X
RM106	X	C-1	C-2	C-3	C-4	C-5	C-6	X
RM107	X	C-1	C-2	C-3	C-4	C-5	C-6	C-7

TERMINAL ID NUMBERS ARE SHOWN FOR REFERENCE ONLY AND ARE NOT MARKED ON BOTTOM OF THE SWITCH



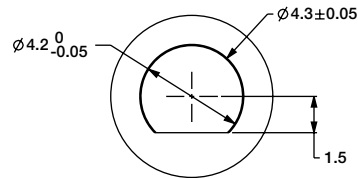
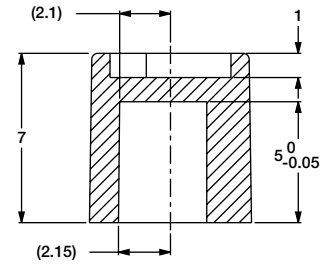
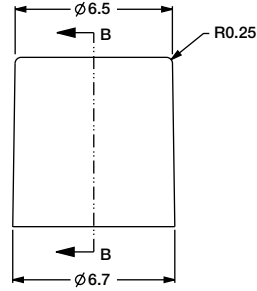
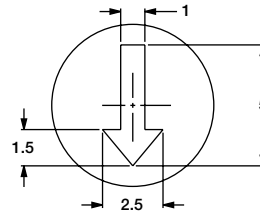
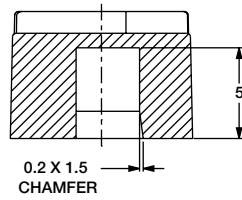
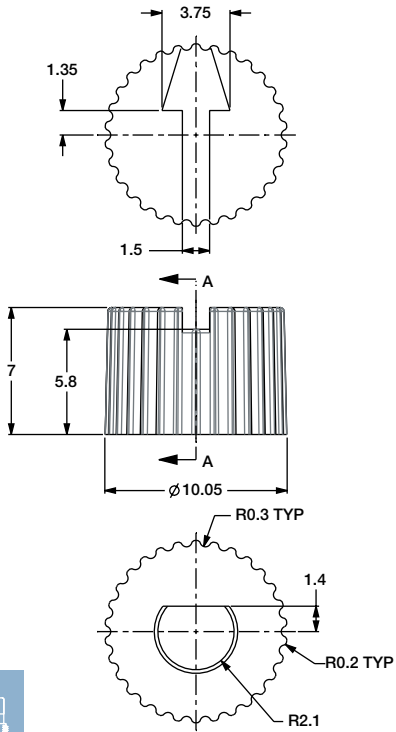
EXTERIOR KEY TAB SHOWN IDENTIFIES "C" (COMMON TERMINAL)

# RM Series Subminiature Rotary Switches

## KNOBS

297F02000

296F02000



K

Rotary

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## C&K Switches:

[RM100772BCB](#) [RM102002BCB](#) [RM107002BCB](#) [RM106772BCB](#) [RM101772BCB](#) [RM103772BCB](#) [RM105002BCB](#)  
[RM103002BCB](#) [RM102772BCB](#) [RM101002BCB](#) [RM104002BCB](#) [RM105772BCB](#) [RM104772BCB](#) [RM106002BCB](#)