

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 Ω 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.

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.



K

Rotary

Switch Function

- RM100** 45° Index, 8 pos. No stops
- RM101** 45° Index, 1 pos. + Off
- RM102** 45° Index, 2 pos.
- RM103** 45° Index, 3 pos.
- RM104** 45° Index, 4 pos.
- RM105** 45° Index, 5 pos.
- RM106** 45° Index, 6 pos.
- RM107** 45° Index, 7 pos.

Actuator

- 77** 7.7 mm high, flatted, screwdriver slot
- 00** Flush, screwdriver slot

Actuator Color

- 2** Black

Torque

- B** 270 GF * CM

Termination

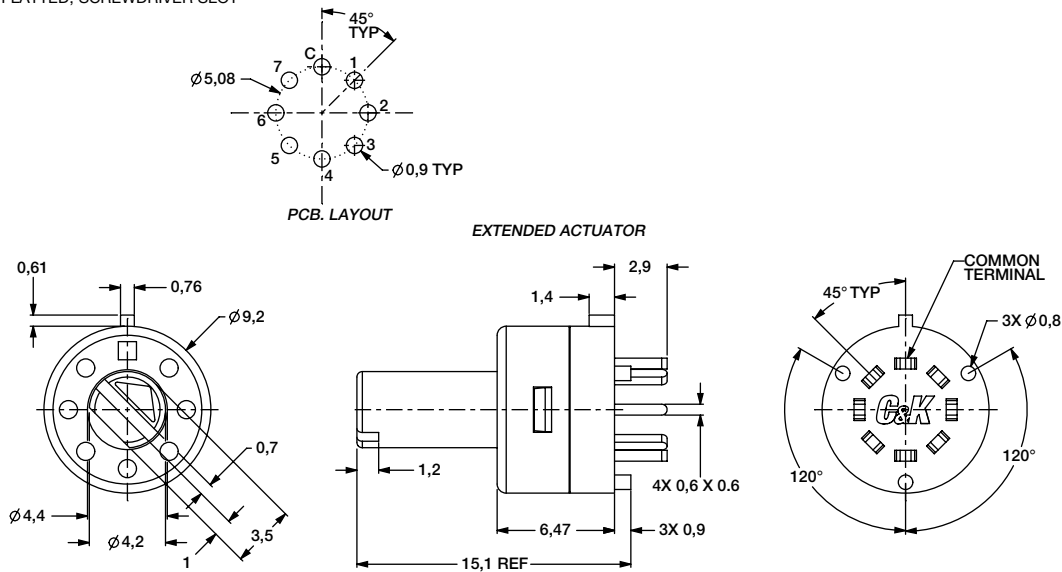
- C** PC Thru-hole

Contact Material

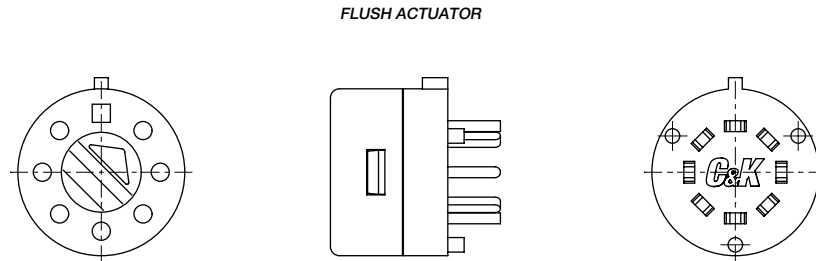
- B** Gold

RM Series Subminiature Rotary Switches

77 7.7 MM HIGH, FLATTED, SCREWDRIVER SLOT

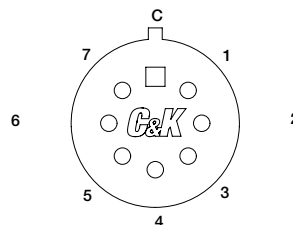


00 FLUSH, SCREWDRIVER SLOT



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

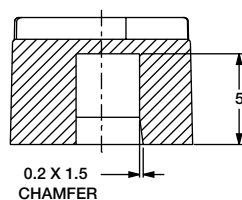
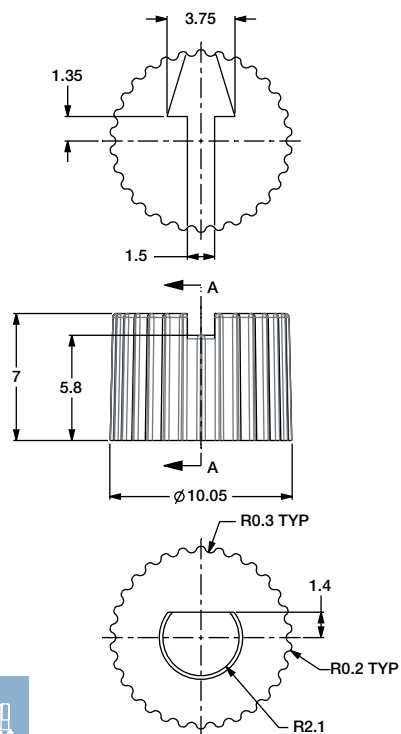


EXTERIOR KEY TAB SHOWN IDENTIFIES "C" (COMMON TERMINAL)

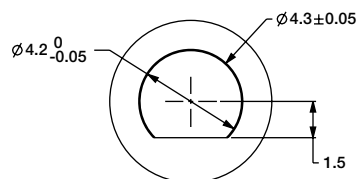
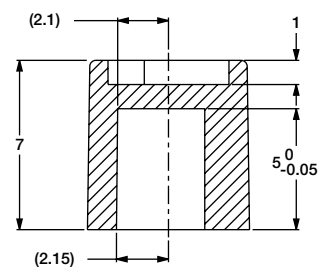
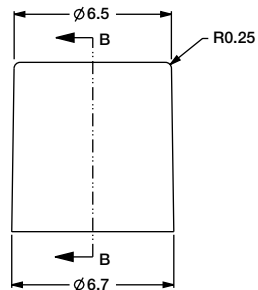
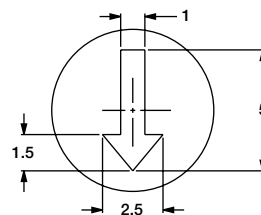
RM Series Subminiature Rotary Switches

KNOBS

297F02000



296F02000



K

Rotary

Mouser Electronics

Authorized Distributor

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[RM100002BCB](#) [RM107772BCB](#)