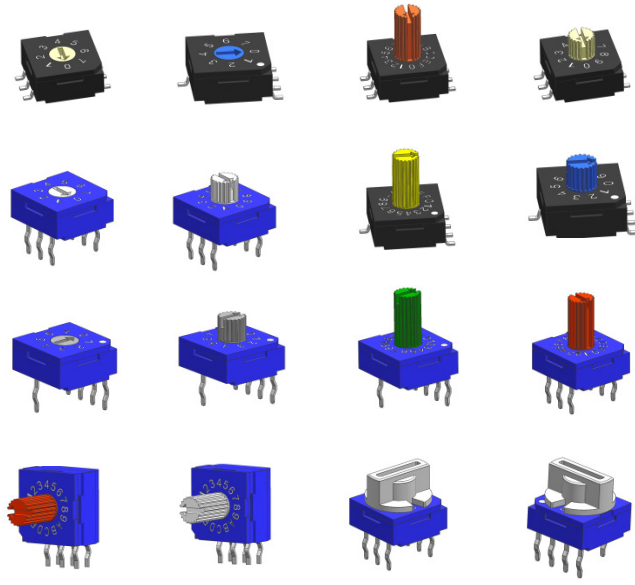




R9 Series — Rotary Coded Switch

Features

- ◆ Sealed Construction; No Tape Seal Required.
- ◆ Surface Mount or Thru-Hole Style.
- ◆ Tube or Tape and Reel Packaging.
- ◆ Octal, BCD, and Hexadecimal Code.
- ◆ In Real or Complement.
- ◆ Standard and Right Angle Mount.
- ◆ Flush or Extended Actuators.
- ◆ Gold-Plated Contacts.
- ◆ Waterproof meet IP67.



Specifications

- ◆ Contact Rating
 - Switching : 5VDC 20mA (Min. AC/DC 20mA 1µA)
 - Non Switching : Max. 50VDC 100mA
- ◆ Contact Resistance : 100mΩ Max
- ◆ Insulation Resistance : 1,000MΩ Min. at 100VDC
- ◆ Dielectric Strength : 250VAC for 1 minute
- ◆ Operating Force : 400gf/cm Max. (Standard)
: 200gf/cm Max. (N type)
- ◆ Life : 20,000 Steps
- ◆ Operating Temperature : -40°C ~+85°C
: -40°C ~+125°C (Reflow Soldering)
- ◆ Storage Temperature : -40°C ~+85°C
- ◆ Wave Soldering : 270°C 5 Sec. Max.
- ◆ Reflow Soldering : 260°C 10~30 Sec. Max.
- ◆ Hand Soldering : 350°C 3 Sec. Max

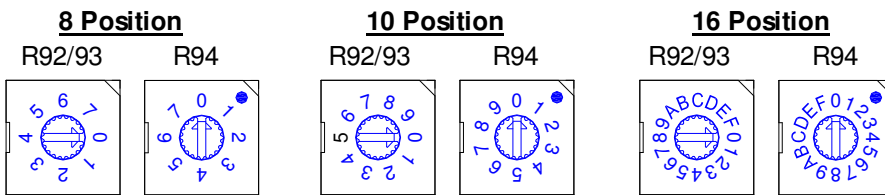
Code Format

No. of positions		(10 positions)										(16 positions)						
		(08 positions)																
Position		0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
Code	Real code	8									•	•	•	•	•	•	•	
		4					•	•	•	•								
		2			•	•												
	Complementary code	1		•	•	•	•	•	•	•								
		$\frac{1}{8}$	•	•	•	•					•	•	•	•	•	•	•	•
		$\frac{1}{4}$	•	•	•	•					•	•	•	•	•	•	•	•
	$\frac{1}{2}$	•	•							•	•							
	$\frac{1}{1}$	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

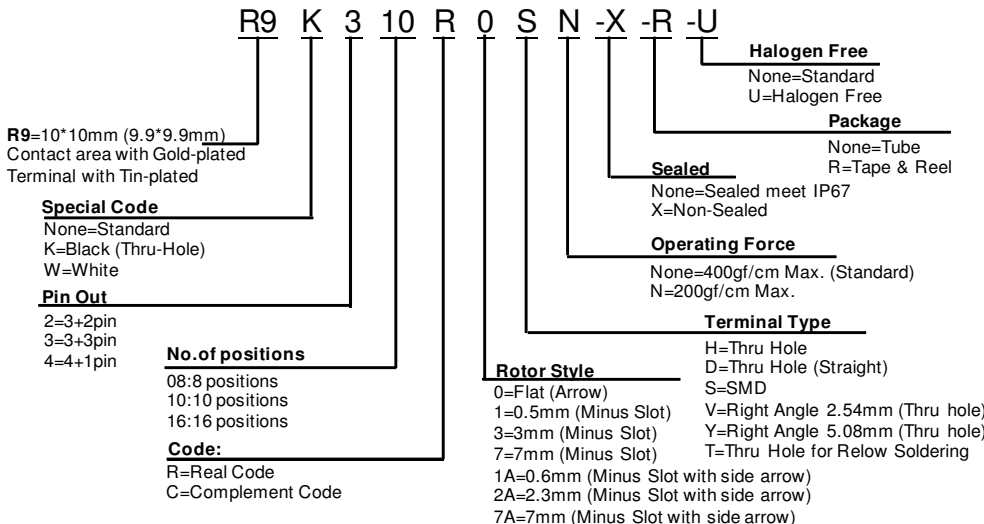
Package

P/N	No. Of Pole	Quantity per Tube
R92__H/D/T/S	08 / 10 / 16	50
R92__V/Y	08 / 10 / 16	45
R93__H/D/T/S	08 / 10 / 16	50
R93__V/Y	08 / 10 / 16	45
R94__H/D/T/S	08 / 10 / 16	50
R94__V	08 / 10 / 16	45
P/N	No. Of Pole	Quantity per Reel
R9__0/1S-R	08 / 10 / 16	600
R9__2/3S-R	08 / 10 / 16	350
R9__7S-R	08 / 10 / 16	200
R9__7HT-R	08 / 10 / 16	140

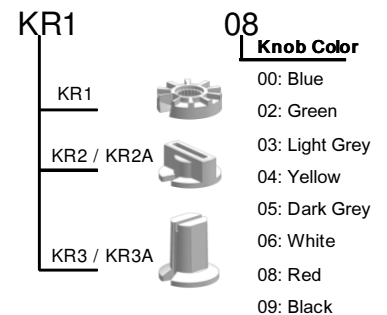
Position



Order Information



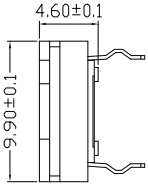
Knob Order Information



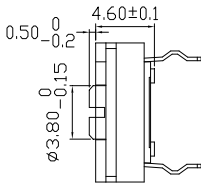


Rotor

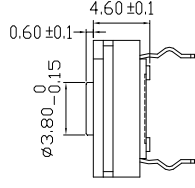
Flat



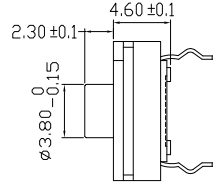
0.5mm



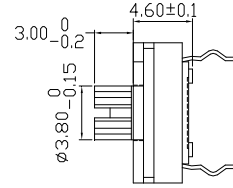
0.6mm



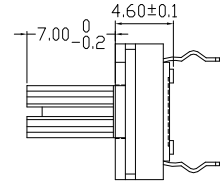
2.3mm



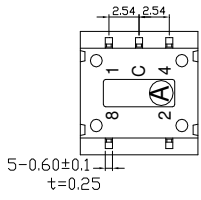
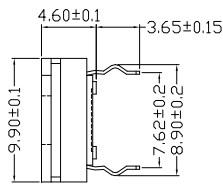
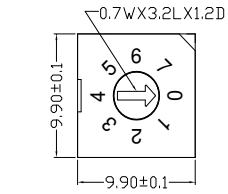
3mm



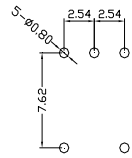
7mm



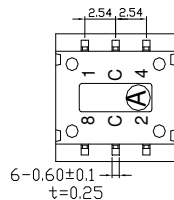
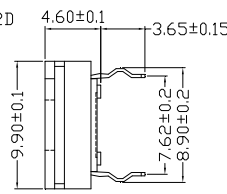
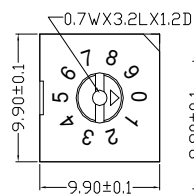
R9 - H/D (Thru-Hole)



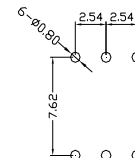
PC LAYOUT (TOP VIEW)



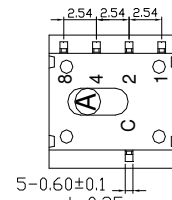
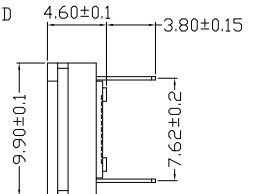
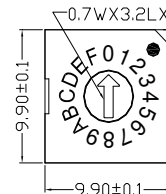
*A type rotor



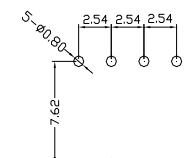
PC LAYOUT (TOP VIEW)



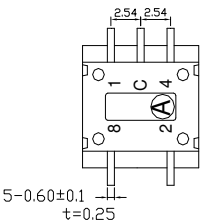
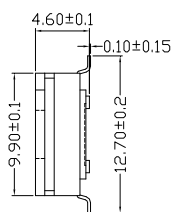
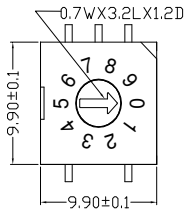
*D type terminal



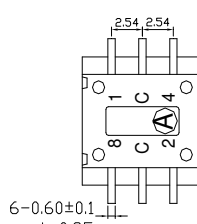
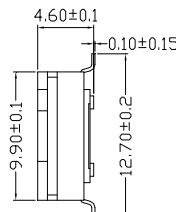
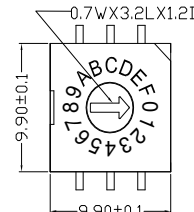
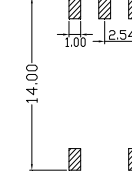
PC LAYOUT (TOP VIEW)



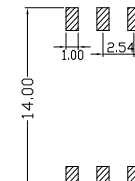
R9 - S (SMD)



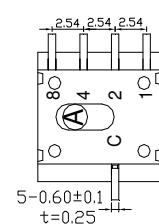
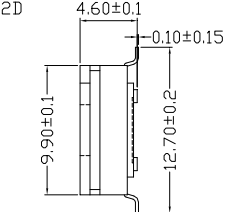
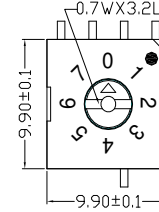
PC LAYOUT (TOP VIEW)



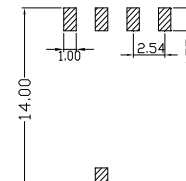
PC LAYOUT (TOP VIEW)



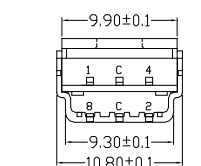
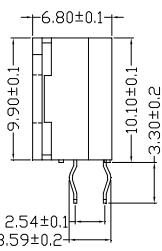
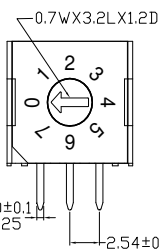
*A type rotor



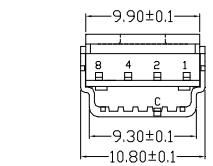
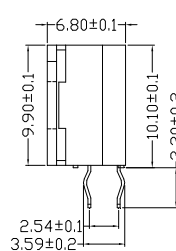
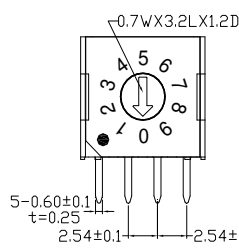
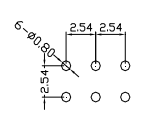
PC LAYOUT (TOP VIEW)



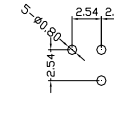
R9 - V (Right Angle 2.54mm)



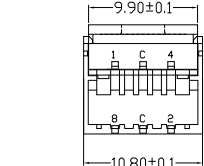
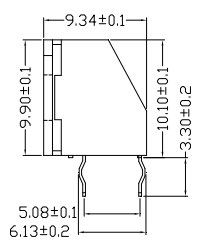
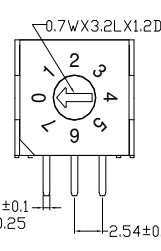
PC LAYOUT (TOP VIEW)



PC LAYOUT (TOP VIEW)



R9 - Y (Right Angle 5.08mm)



PC LAYOUT (TOP VIEW)

