

POTENTIOMETERS



9mm Rotary Type, Snap-In, Insulated Shaft

Application

- ✓ TV/Video, Audio, Home appliance, Industrial control

Feature

- ✓ Smooth rotation feeling

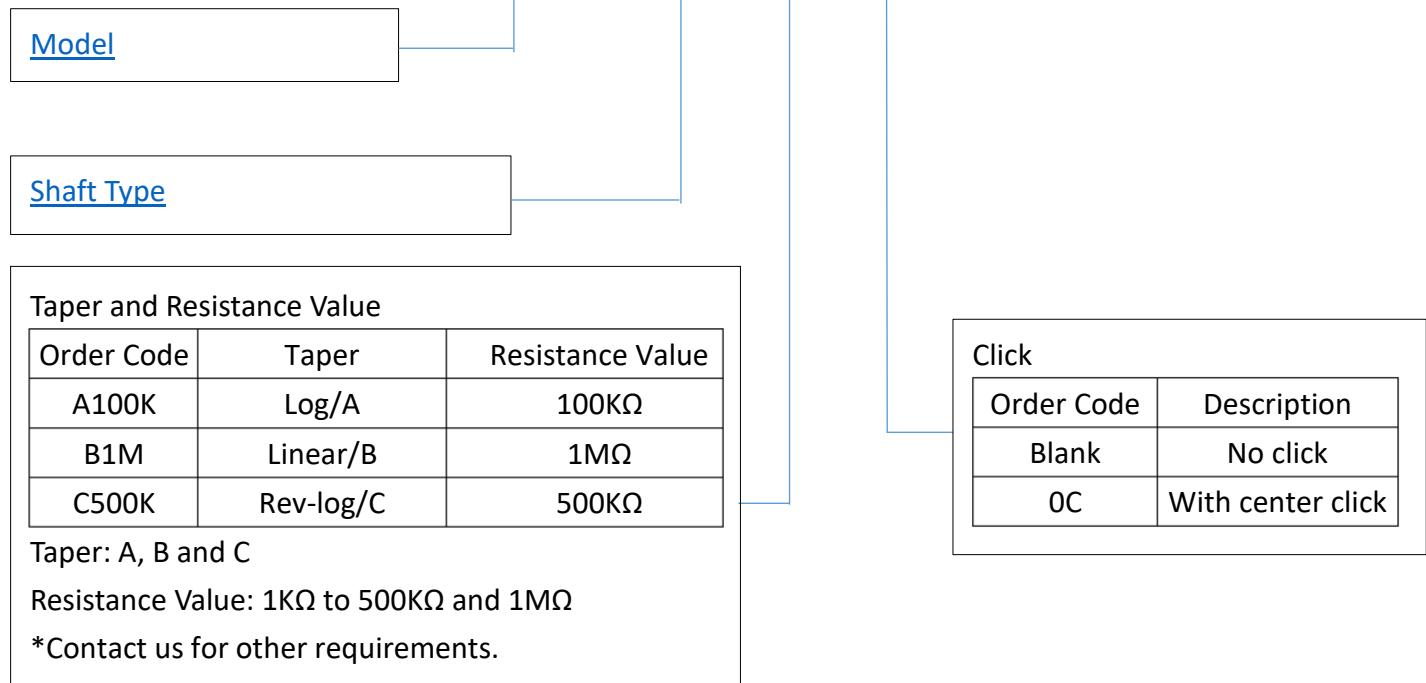


■ Specification

Total Rotational Angle	RV09A series: $280\pm 5^\circ$, RV09B series: $300\pm 5^\circ$
Maximum Operating Voltage	50V AC
Insulation Resistance	100MΩ at DC250V
Dielectric Strength	AC250V for 1 minute
Rotational Torque	10-100 gf.cm
Click Torque	20-120 gf.cm
Rotational Stop Strength of the Shaft	3 kgs.cm min
Push/Pull Strength of the Shaft	5kgs for 3 sec
Operating Temperature Range	-10 °C~70°C
Rotation Life	With click: 5,000 cycles, without click: 10,000 cycles

■ How to order

RV09AF-20 – 15F - B10K - 0C



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■ Model Description

Model	Number of Unit	Terminal Type	With Sleeve or Bushing	Rotational Angle	Mounting Height
RV09ACF-20	Single unit	Horizontal	Sleeve	280°±5°	10 mm
RV09BCF-20	Single unit	Horizontal	Sleeve	300°±5°	10 mm
RV09ACF-40	Single unit	Vertical	Sleeve	280°±5°	7.0 mm
RV09BCF-40	Single unit	Vertical	Sleeve	300°±5°	7.0 mm
RV09AF-20	Single unit	Horizontal	N/A	280°±5°	10 mm
RV09AF-21	Single unit	Horizontal	N/A	280°±5°	6.5 mm
RV09BF-20	Single unit	Horizontal	N/A	300°±5°	10 mm
RV09BF-21	Single unit	Horizontal	N/A	300°±5°	6.5 mm
RV09AF-40	Single unit	Vertical	N/A	280°±5°	7.0 mm
RV09BF-40	Single unit	Vertical	N/A	300°±5°	7.0 mm
RV09AF-20E1N	Single unit	Horizontal	Plastic bushing	280°±5°	10 mm
RV09BF-20E1N	Single unit	Horizontal	Plastic bushing	300°±5°	10 mm
RV09AF-40E1N	Single unit	Vertical	Plastic bushing	280°±5°	7.0 mm
RV09BF-40E1N	Single unit	Vertical	Plastic bushing	300°±5°	7.0 mm
RV09AF-20E1	Single unit	Horizontal	Metal bushing	280°±5°	10 mm
RV09BF-20E1	Single unit	Horizontal	Metal bushing	300°±5°	10 mm
RV09AF-40E1	Single unit	Vertical	Metal bushing	280°±5°	7.0 mm
RV09BF-40E1	Single unit	Vertical	Metal bushing	300°±5°	7.0 mm

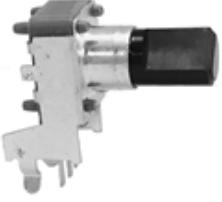
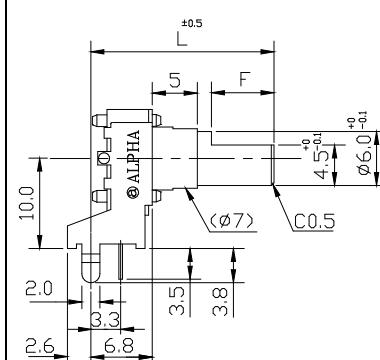
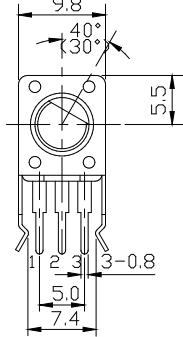
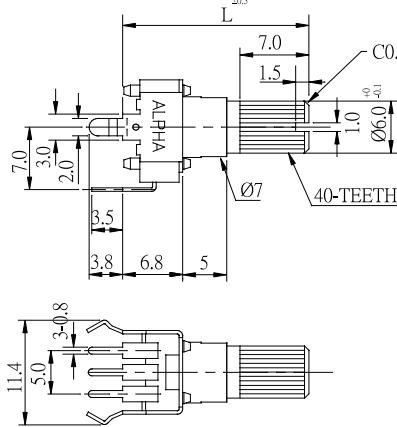
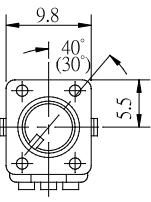
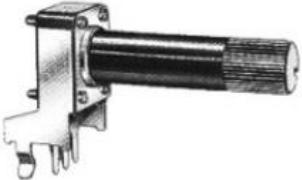
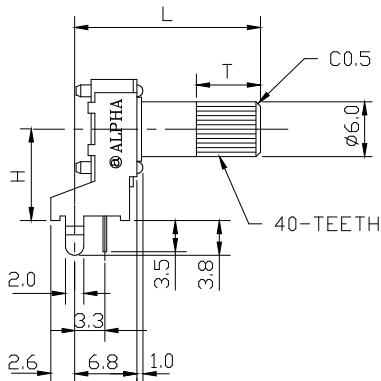
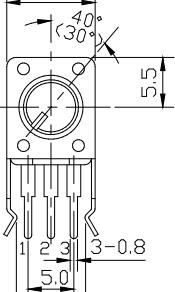
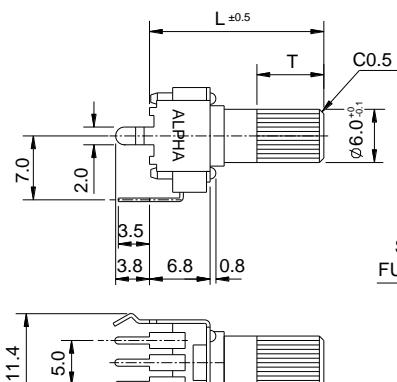
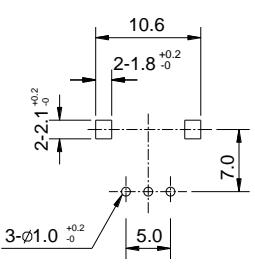
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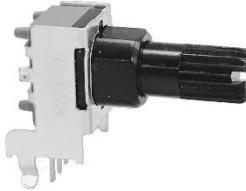
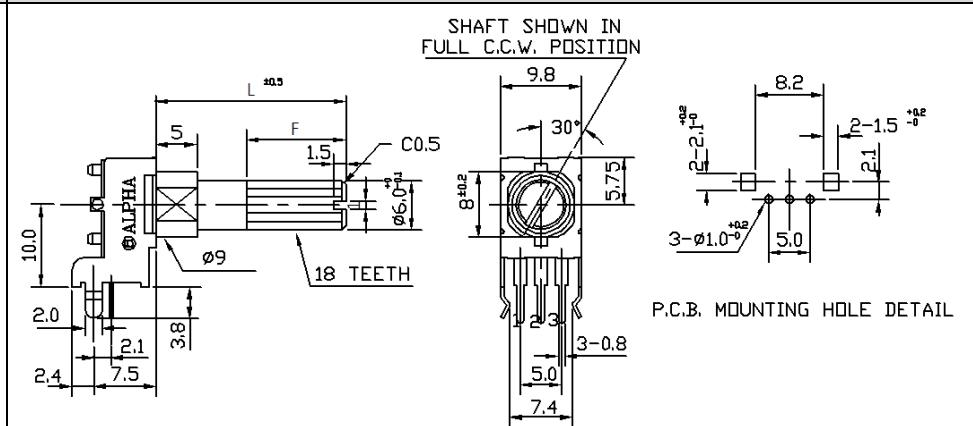
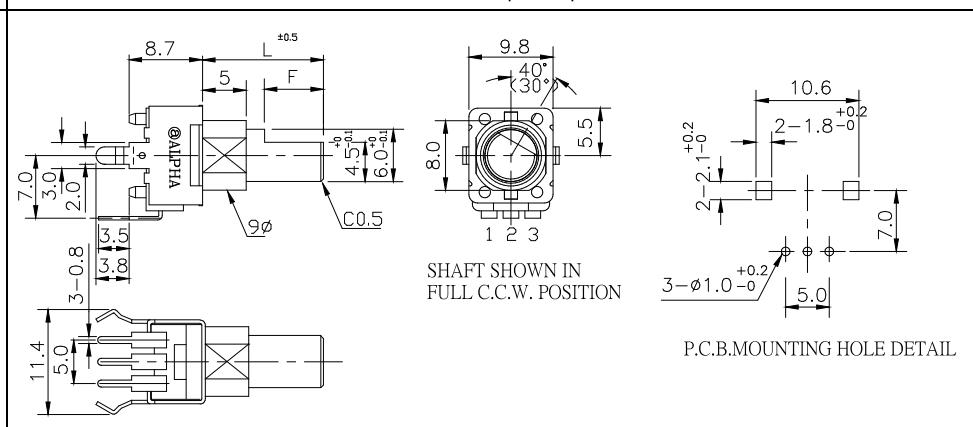
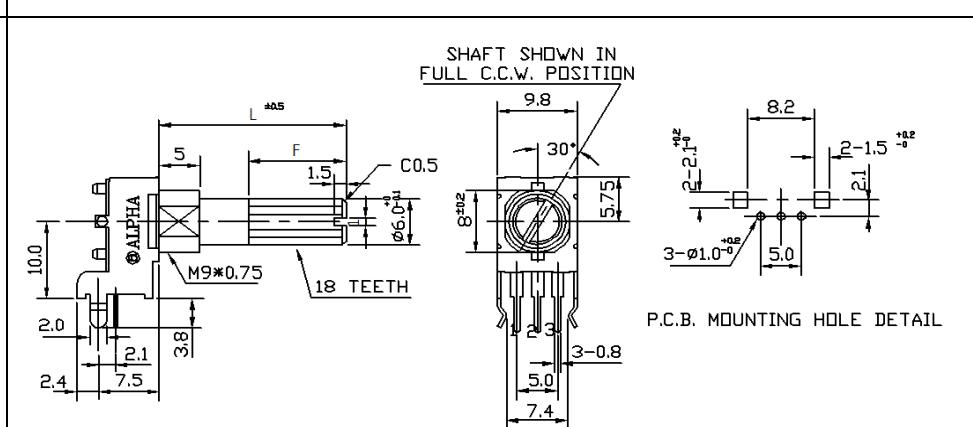
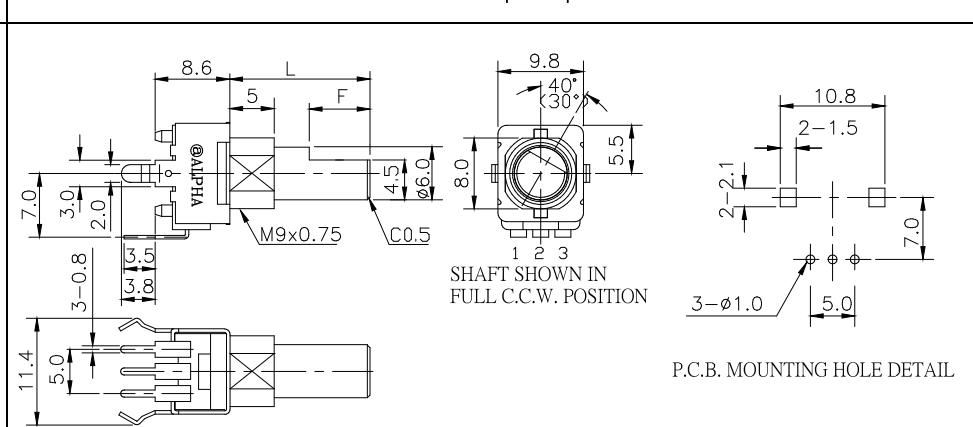
Order Code	Outline Drawing						
RV09ACF-20 RV09BCF-20 	 SHAFT SHOWN IN FULL C.C.W. POSITION  P.C.B. MOUNTING HOLE DETAIL						
RV09ACF-40 RV09BCF-40 	 SHAFT SHOWN IN FULL C.C.W. POSITION  P.C.B. MOUNTING HOLE DETAIL						
RV09AF-20, RV09BF-20 RV09AF-21, RV09BF-21 	 SHAFT SHOWN IN FULL C.C.W. POSITION  P.C.B. MOUNTING HOLE DETAIL <table border="1" data-bbox="1214 1493 1484 1583"> <tr> <th>MODEL</th> <th>H</th> </tr> <tr> <td>RV09A(B)-20</td> <td>10.0</td> </tr> <tr> <td>RV09A(B)-21</td> <td>6.5</td> </tr> </table>	MODEL	H	RV09A(B)-20	10.0	RV09A(B)-21	6.5
MODEL	H						
RV09A(B)-20	10.0						
RV09A(B)-21	6.5						
RV09AF-40 RV09BF-40 	 SHAFT SHOWN IN FULL C.C.W. POSITION  P.C.B. MOUNTING HOLE DETAIL						

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9mm Rotary Type, Snap-In, Insulated Shaft

Order code	Outline Drawing
RV09AF-20E1N RV09BF-20E1N	  <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p> <p>P.C.B. MOUNTING HOLE DETAIL</p>
RV09AF-40E1N RV09BF-40E1N	  <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p> <p>P.C.B. MOUNTING HOLE DETAIL</p>
RV09AF-20E1 RV09BF-20E1	  <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p> <p>P.C.B. MOUNTING HOLE DETAIL</p>
RV09AF-40E1 RV09BF-40E1	  <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p> <p>P.C.B. MOUNTING HOLE DETAIL</p>

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■ K TYPE

RV09AF-20(21)-(L)K RV09BF-20(21)-(L)K	RV09AF-40-(L)K RV09BF-40-(L)K	RV09ACF-20-(L)K RV09BCF-20-(L)K	RV09ACF-40-(L)K RV09BCF-40-(L)K

RV09AF, RV09ACF

Order Code	15K	20K	25K	30K
L	15	20	25	30
T	7	7	7	7

RV09BF, RV09BCF

Order Code	20K	25K	30K
L	20	25	30
T	7	7	7

**15 mm shaft is not available for RV09ACF/BCF models.

RV09AF-20E1N-(L)K RV09BF-20E1N-(L)K RV09AF-20E1-(L)K RV09BF-20E1-(L)K	RV09AF-40E1N-(L)K RV09BF-40E1N-(L)K RV09AF-40E1-(L)K RV09BF-40E1-(L)K

Order Code	165K	215K
L	16.5	21.5
T	7	7

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■ F TYPE

RV09AF-20(21)-(L)F RV09BF-20(21)-(L)F	RV09AF-40-(L)F RV09BF-40-(L)F	RV09ACF-20-(L)F RV09BCF-20-(L)F	RV09ACF-40-(L)F RV09BCF-40-(L)F

RV09AF, RV09ACF

Order Code	*15F	20F	21F	25F	26F	30F
L	15	20	21	25	26	30
F	6	7	7	7	12	12

RV09BF, RV09BCF

Order Code	*15F	20F	21F	235F	25F	26F	31F	35F	375F
L	15	20	21	23.5	25	26	31	35	37.5
F	6	7	7	7	7	8.25	12	12	12

**15 mm shaft is not available for RV09ACF/BCF models.

RV09AF-20E1N-(L)F RV09BF-20E1N-(L)F RV09AF-20E1-(L)F RV09BF-20E1-(L)F	RV09AF-40E1N-(L)F RV09BF-40E1N-(L)F RV09AF-40E1-(L)F RV09BF-40E1-(L)F																																				
RV09AF																																					
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L	11.5	12.5	16.5	17.5	21.5																																
F	6.5	7	7	12	12																																
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L	11.5	12.5	15	16.5	16.5	16.5	17.5	21.5	22.5	26.5	29																										
F	6.5	7	7	7	8.25	12	12	12	12	12	12																										

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■ B TYPE

RV09AF-20(21)-(L)B RV09BF-20(21)-(L)B	RV09AF-40-(L)B RV09BF-40-(L)B	RV09ACF-20-(L)B RV09BCF-20-(L)B	RV09ACF-40-(L)B RV09BCF-40-(L)B

RV09AF, RV09ACF

Order Code	20B	25B
L	20	25
T	7	7

RV09BF, RV09BCF

Order Code	20B	25B	30B
L	20	25	30
T	7	7	7

**15 mm shaft is not available for RV09ACF/BCF models.

RV09AF-20E1N-(L)B RV09BF-20E1N-(L)B RV09AF-20E1-(L)B RV09BF-20E1-(L)B	RV09AF-40E1N-(L)B RV09BF-40E1N-(L)B RV09AF-40E1-(L)B RV09BF-40E1-(L)B

RV09AF

Order Code	115B	165B
L	11.5	16.5
T	7	7

RV09BF

Order Code	115B	165B	215B	25B
L	11.5	16.5	21.5	25
T	7	7	7	7

Design and specifications presented here are for the standard parts only. Please kindly contact us for your special requests and ask for the current technical specifications before purchase and/or use.

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