

嵌入型製品一覽表

型態 Style	型式 Type	軸套 Bushing	製品名 Model	頁次 Page
9型 9mm SIZE	單連 Mono unit	水平型 Horizontal type	RV09AF-20 / RV09BF-20	22
		垂直型 Vertical type	RV09ACF-40 / RV09BCF-40	
		垂直型 Vertical type	RV09BF-40/RV09BCF-40(Clear shaft)	24
11型 11mm SIZE	單連 Mono unit	水平型 Horizontal type	RV110F-20 / RV110F-21	25
		●	RV110F-20E1 / RV110F-21E1	
		垂直型 Vertical type	RV110F-40 / RV110CF-40	28
		●	RV110F-40E1	
	雙連 Dual unit	水平型 Horizontal type	RV112BF-20	26
		●	RV112BF-20E1	
		垂直型 Vertical type	RV112BF-40 / RV112BCF-40	26
		●	RV112F-40 / RV112CF-40	
		●	RV112BF-40E1	29
		●	RV112BF-40/RV112BCF-40(Clear shaft)	
12型 12mm SIZE	單連 Mono unit	水平型 Horizontal type	RV012AF-20	31
		垂直型 Vertical type	RV012AF-40	
		垂直型 Vertical type	RV120DF-40	
14型 14mm SIZE	單連 Mono unit	Transparent insulated shaft Vertical type	RV141F-40	32
		●	RV141F-40E3	
	雙連 Dual unit	Transparent insulated shaft Vertical type	RV142F-40	33
		水平型 Horizontal type	RV142◇F-20 / RV142◇F-21	
		●	RV142◇F-20E1 / RV142◇F-21E1	
		垂直型 Vertical type	RV142◇F-40/RV142◇CF-40	
	4連 Quad unit	水平型 Horizontal type	RV144BF-21	34
		●	RV144BF-21E3	
		垂直型 Vertical type	RV144BF-40	
16型 16mm SIZE	單連 Mono unit	垂直型 Vertical type	RV0600DF-43	36
		水平型 Horizontal type	RV06003F-23	
		●	RV06002F-23E3	
	雙連 Dual unit	垂直型 Vertical type	RV0620DF-46E3	37
		●	RV06203F-25	
		●	RV06203F-26	
		水平型 Horizontal type	RV06202F-26E3	

插入型絕緣/金屬軸式編碼規則

RV 09 A X F - 40 E1 - 20 F X - B 5K - X X XXX
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

1. Product Line

RV Rotary Potentiometer

2. Model

3. Structure Difference

4. Derivatives

5. RoHS Version

F indicates RoHS Compliance

6. Type of Terminal

Code	Type of Terminal
10	Solder lug
20	PC board (horizontal)
30	PC board (vertical);front
40	PC board (vertical);back

7. Type of Bushing

8. Shaft Length

9. Type of Shaft

10. Axis Angle of F-type Shaft

11. Pattern of Resistance Curve

12. Resistance Value

13. Materials & Methods for Manufacturing Shaft & Bushing

14. Number of Click

Code	Specification
0	None
C	Center Click
D	11 Positions click
E	21 Positions click
F	41 Positions click

15. Serial No.

訂單指定事項：

開立訂單時，用途請依下表記載予以指定製品之規格詳細記載並確認之。

項目：

1. 型號。
2. 公稱阻值及線性要求。
3. 軸型及長度。
4. 端子型式。
5. 段點的有無。
6. 中間抽頭的有無。
7. 音量用或其他。
8. 手焊錫或錫爐焊錫。

ORDERING INSTRUCTIONS

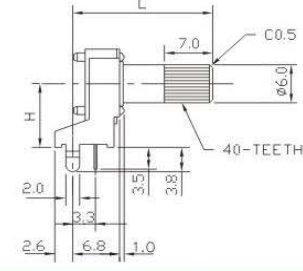
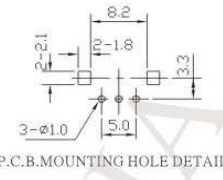
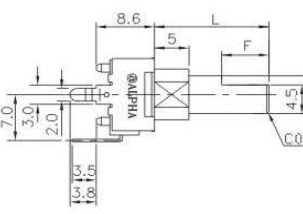
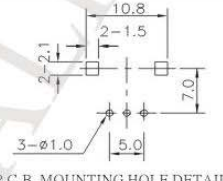
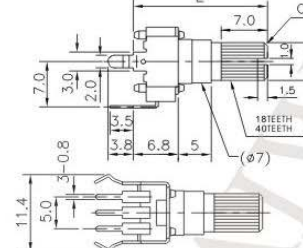
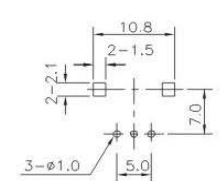
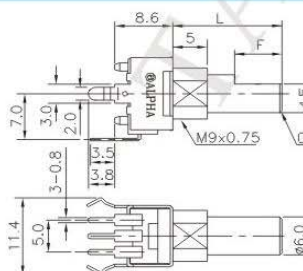
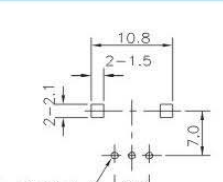
WHEN PLACING YOUR ORDER, PLEASE SPECIFY THE FOLLOWING ITEMS ACCORDING TO YOUR APPLICATION NEEDS. FOR MORE INFORMATION ABOUT OUR PRODUCTS, PLEASE REFER TO THE SPECIFICATION GIVEN ON THE FOLLOWING PAGES.

ITEMS：

1. MODEL.
2. NORMAL RESISTANCE VALUE AND TAPER.
3. SHAFT STYLE AND LENGTH.
4. TERMINAL STYLE.
5. WITH CLICK OR WITHOUT CLICK, CLICK POSITION
6. WITH TAP OR WITHOUT TAP, TAP POSITION.
7. FOR VOLUME CONTROL OR OTHER USE.
8. MANUAL SOLDERING OR DIP SOLDERING.

9mm SNAP-IN, INSULATED SHAFT SERIES



Model	Outline Drawing	Features / Individual Specification						
RV09AF-20 (RV09BF-20) 	 SHAFT SHOWN IN FULL C.C.W. POSITION	 <table><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-40E1N (RV09BF-40E1N) 塑膠軸套 Plastic Bushing - No Thread 	 SHAFT SHOWN IN FULL C.C.W. POSITION							
RV09ACF-40 (RV09BCF-40) 	 SHAFT SHOWN IN FULL C.C.W. POSITION							
RV09AF-40E1 (RV09BF-40E1) 	 SHAFT SHOWN IN FULL C.C.W. POSITION							

SPECIFICATION

MECHANICAL

TOTAL ROTATION ANGLE

RV09AF & RV09ACF SERIES $280^{\circ} \pm 5^{\circ}$

ROTATION TORQUE

RV09BF & RV09BCF SERIES $300^{\circ} \pm 5^{\circ}$

SHAFT STOP STRENGTH

10-100 gf.cm

ROTATION LIFE

3kgf.cm/Min

CLICK TORQUE

with click: 5,000 cycles, w/o click: 10,000 cycles.

20-120gf.cm

ELECTRICAL

RATED WATTAGE

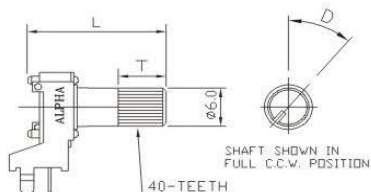
0.05W

RATED VOLTAGE

50V AC

Shaft Dimension

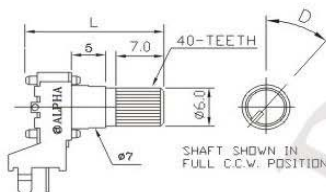
RV09AF-20-LK D=40°
RV09BF-20-LK D=30°



Shaft K Type
RV09AF, RV09ACF

L	*15	20	25	30
T	7	7	7	7

RV09ACF-20-LK D=40°
RV09BCF-20-LK D=30°

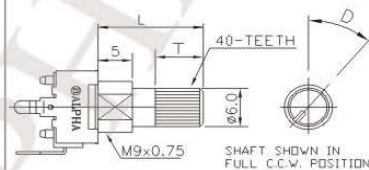


Shaft K Type
RV09BF, RV09BCF

L	20	25	30
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*15mm shaft is not available for RV09ACF/BCF models

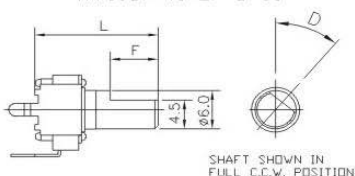
RV09AF-40E1-LK D=40°
RV09BF-40E1-LK D=30°



Shaft K Type
RV09AF-20E1
RV09AF-40E1
RV09BF-20E1
RV09BF-40E1

L	16.5	21.5
T	7	7

RV09AF-40-LF D=40°
RV09BF-40-LF D=30°



Shaft F Type
RV09AF, RV09ACF

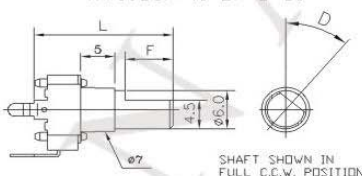
L	*15	20	21	25	26	30	31	37.5
F	6	7	7	12	12	12	12	12

Shaft F Type
RV09BF, RV09BCF

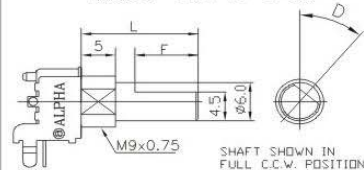
L	*15	20	21	23.5	25	26	30	31	33.5	35	37.5
F	6	7	7	7	12	8.25	12	12	12	12	12

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

RV09ACF-40-LF D=40°
RV09BCF-40-LF D=30°



RV09AF-20E1-LF D=40°
RV09BF-20E1-LF D=30°



Shaft F Type
RV09AF-20E1, RV09AF-40E1

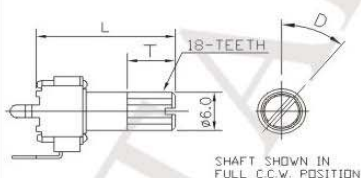
L	11.5	12.5	16.5	17.5	21.5	22.5	29
F	7	7	7	12	12	12	12

Shaft F Type
RV09BF-20E1, RV09BF-40E1

L	11.5	12.5	15	16.5	17.5	21.5	22.5
F	7	7	7	7	12	8.25	12

L	25	26.5	29
F	12	12	12

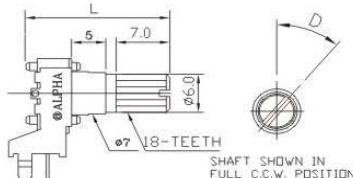
RV09AF-40-LB D=40°
RV09BF-40-LB D=30°



Shaft B Type
RV09AF, RV09ACF

L	*15	20	25	30
T	7	7	7	7

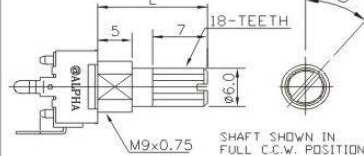
RV09ACF-20-LB D=40°
RV09BCF-20-LB D=30°



Shaft B Type
RV09BF, RV09BCF

L	20	25	30	33
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RV09AF-40E1-LB D=40°
RV09BF-40E1-LB D=30°



Shaft B Type
RV09AF-20E1, RV09AF-40E1

L	11.5	16.5	21.5
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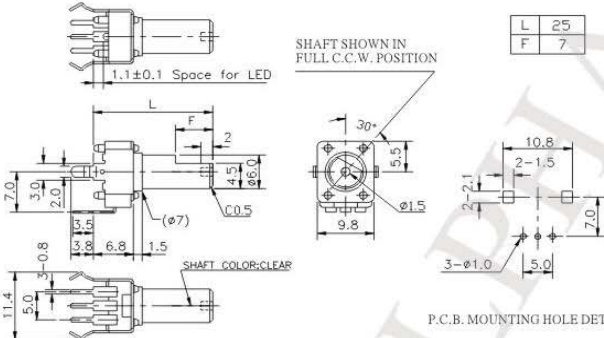
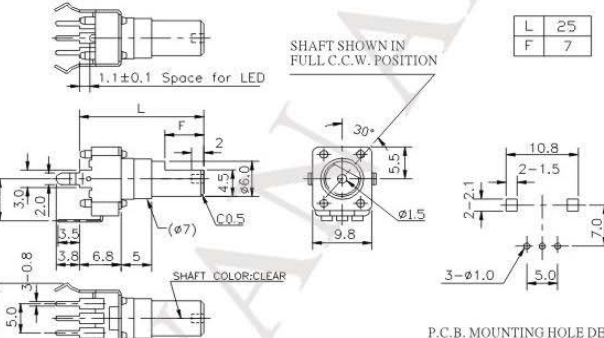
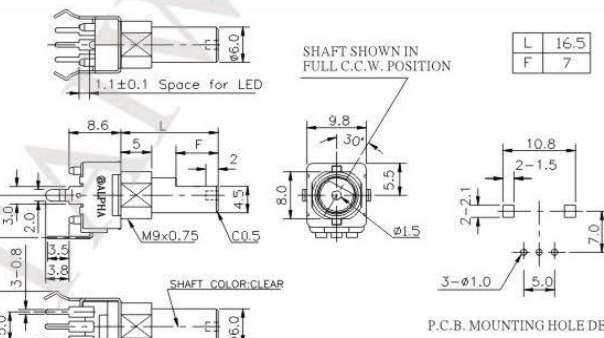
Shaft B Type
RV09BF-20E1, RV09BF-40E1

L	11.5	16.5	21.5	25
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*15mm shaft is not available for RV09ACF/BCF models

9mm SNAP-IN TRANSPARENT SHAFT SERIES

Model Outline Drawing Features / Individual Specification

RV09BF-40-(L)FL NEW 	 SHAFT SHOWN IN FULL C.C.W. POSITION <table border="1" data-bbox="1157 526 1236 571"> <tr> <td>L</td> <td>25</td> </tr> <tr> <td>F</td> <td>7</td> </tr> </table> P.C.B. MOUNTING HOLE DETAIL	L	25	F	7
L	25				
F	7				
RV09BCF-40-(L)FL NEW 	 SHAFT SHOWN IN FULL C.C.W. POSITION <table border="1" data-bbox="1157 907 1236 952"> <tr> <td>L</td> <td>25</td> </tr> <tr> <td>F</td> <td>7</td> </tr> </table> P.C.B. MOUNTING HOLE DETAIL	L	25	F	7
L	25				
F	7				
RV09BF-40E1-(L)FL NEW 	 SHAFT SHOWN IN FULL C.C.W. POSITION <table border="1" data-bbox="1157 1310 1236 1355"> <tr> <td>L</td> <td>16.5</td> </tr> <tr> <td>F</td> <td>7</td> </tr> </table> P.C.B. MOUNTING HOLE DETAIL	L	16.5	F	7
L	16.5				
F	7				

SPECIFICATION

MECHANICAL

TOTAL ROTATION ANGLE	RV09BF & RV09BCF SERIES 300°±5°
ROTATION TORQUE	10~100 gf.cm
SHAFT STOP STRENGTH	3kgf.cm/min
ROTATION LIFE	10,000 cycles
ROTATION LIFE (W/C.C.)	5,000 cycles
CLICK POSITION	center click
CLICK TORQUE	20~120gf.cm

ELECTRICAL

RATED WATTAGE	0.05W
RATED VOLTAGE	50V AC /20V DC

