

## 16mm Rotary Type, Metal Shaft Series

### Application

- ✓ TV/Video, Audio, Musical instruments, Industrial control

### Feature

- ✓ Suitable for various applications



### ■Specification

Total Rotational Angle	300±5°
Maximum Operating Voltage	150V AC
Insulation Resistance	100MΩ at DC500V
Dielectric Strength	AC 500V for 1 minute
Rotational Torque	20-200 gf.cm
Click Torque	30-250 gf.cm
Rotational Stop Strength of the Shaft	6 kgf.cm min
Push/Pull Strength of the Shaft	8 kgf for 3 sec
Rotation Life	15,000 cycles

### ■How to order

RV16A01F – 10 B1 – 15K – B50K – 3C

[Model](#)

#### Bushing Type

Order Code	φ	Order Code	Length
A	M6x0.75	1	5.0 mm
B	M7x0.75	2	6.5 mm
C	M8x0.75	3	7.0 mm
D	M3/8x0.75	4	8.0 mm
Blank	M7x0.75, 6.5 mm		

[Metal Shaft Type](#)

#### Click

Order code	Description
3	No click
3C, 3D,3E, 3F	Center click , 11, 21, 41 clicks

#### Taper and Resistance Value

Order Code	Taper	Resistance Value
A100K	Log/A	100KΩ
B1M	Linear/B	1MΩ
C500K	Rev-log/C	500KΩ

Taper: A, B and C


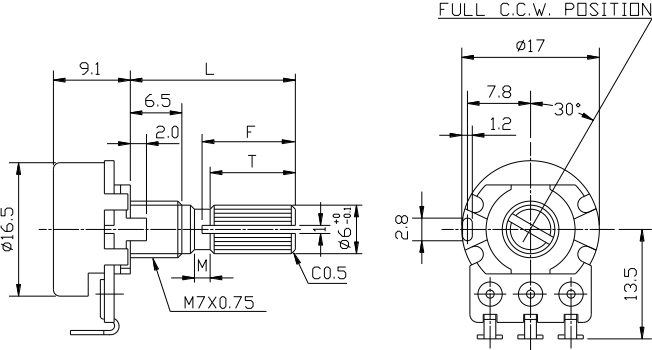
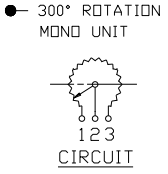
Resistance Value: 1KΩ to 500KΩ and 1MΩ

\*Contact us for other requirements.

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### Model Description

Model	Number of Unit	Switch Function	Terminal Type	With Sleeve or Bushing	Rotational Angle
<a href="#">RV16AF-10</a>	Single unit	N/A	Solder lug	Metal bushing	300°±5°
<a href="#">RV16AF-20</a>	Single unit	N/A	Horizontal	Metal bushing	300°±5°
<a href="#">RV16AF-30</a>	Single unit	N/A	Vertical (Front)	Metal bushing	300°±5°
<a href="#">RV16AF-41</a>	Single unit	N/A	Vertical	Metal bushing	300°±5°
<a href="#">RV16AD0F-41</a>	Single unit with bracket	N/A	Vertical	Metal bushing	300°±5°
<a href="#">RV16ARF-20</a>	Single unit with tap	N/A	Horizontal	Metal bushing	300°±5°
<a href="#">RV16A01F-10</a>	Dual unit	N/A	Solder lug	Metal bushing	300°±5°
<a href="#">RV16A01F-20</a>	Dual unit	N/A	Horizontal	Metal bushing	300°±5°
<a href="#">RV16A01F-30</a>	Dual unit	N/A	Vertical (Front)	Metal bushing	300°±5°
<a href="#">RV16A01F-41</a>	Dual unit	N/A	Vertical	Metal bushing	300°±5°
<a href="#">RV16AEF-20</a>	Single unit with bracket	N/A	Horizontal	Metal bushing	300°±5°
<a href="#">RV16AE1F-20</a>	Dual unit with bracket	N/A	Horizontal	Metal bushing	300°±5°
<a href="#">RV16AD1F-41</a>	Dual unit with bracket	N/A	Vertical	Metal bushing	300°±5°


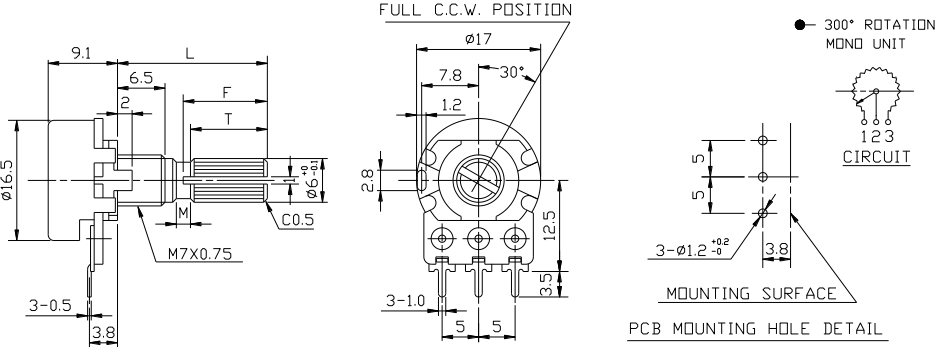

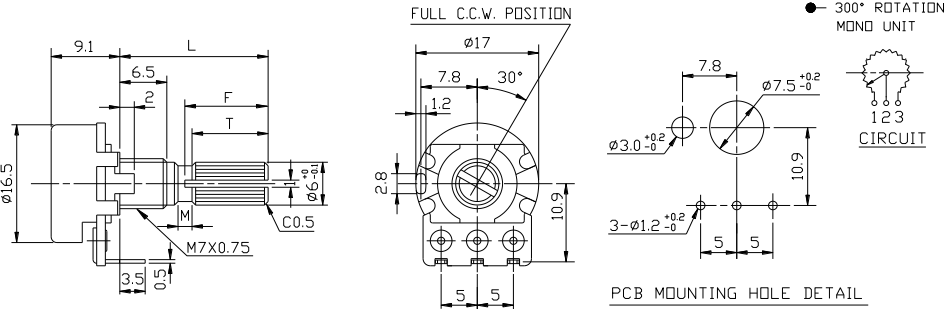

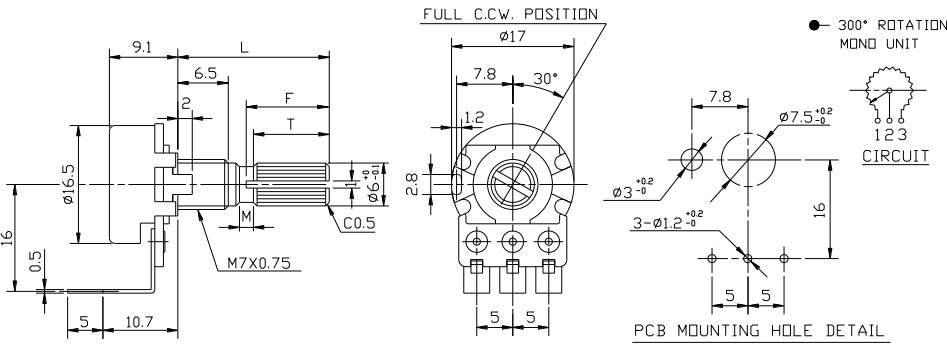
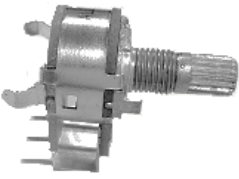
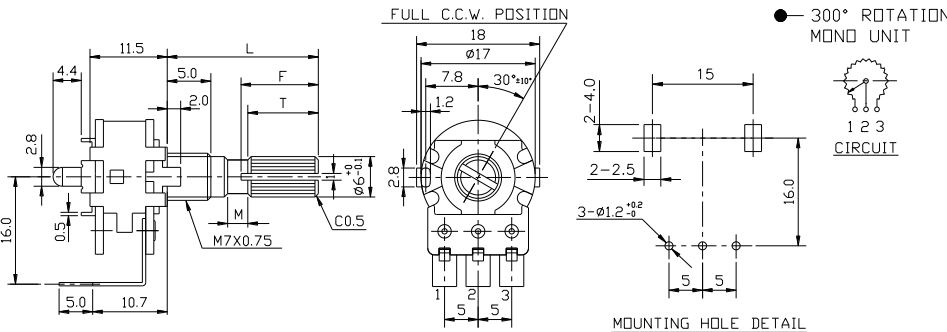
Order Code	Outline Drawing
RV16AF-10	   <p>● 300° ROTATION MONO UNIT</p> <p>1 2 3 CIRCUIT</p>

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# POTENTIOMETERS



## 16mm Rotary Type, Metal Shaft Series


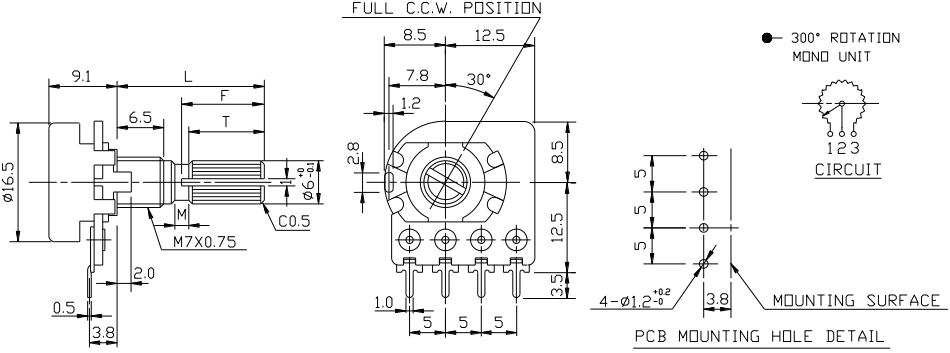

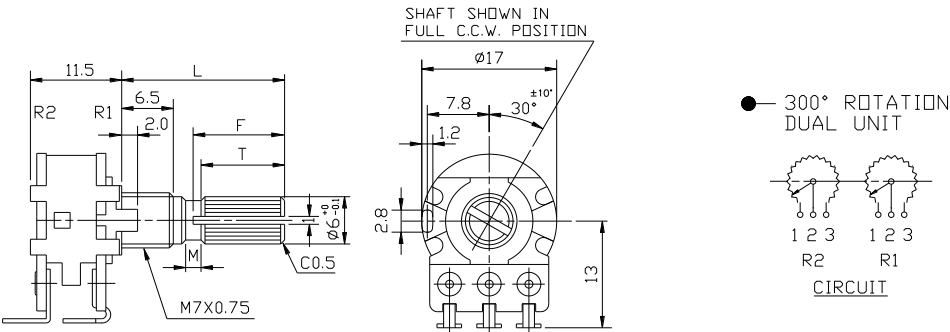

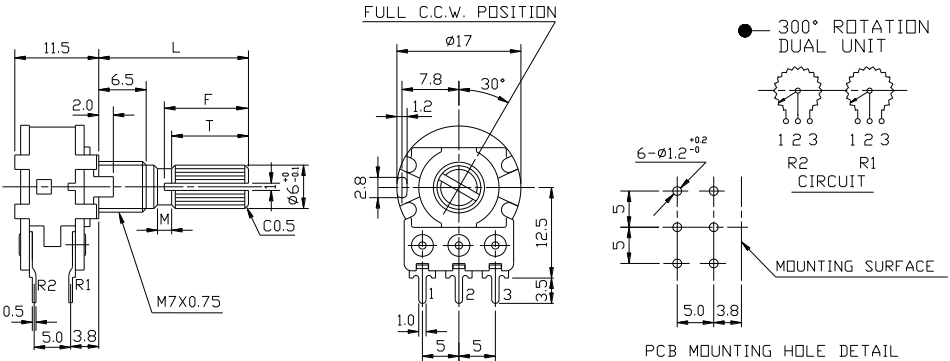
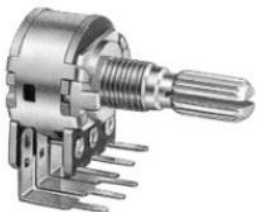
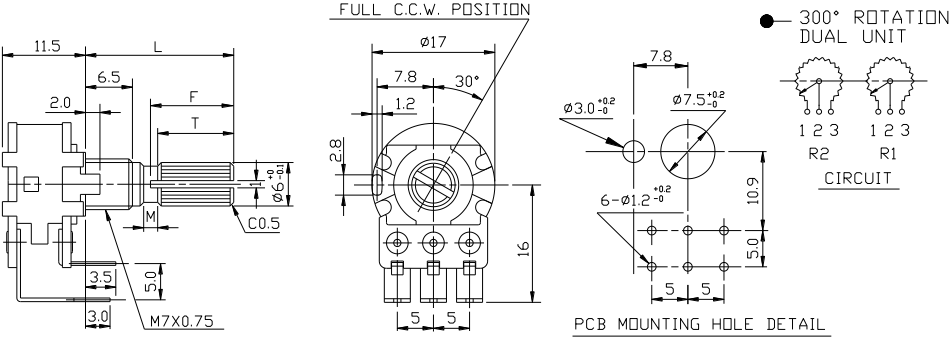
Order Code	Outline Drawing
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<p>RV16AF-30</p> 	 <p>● 300° ROTATION MONO UNIT</p> <p>PCB MOUNTING HOLE DETAIL</p>
<p>RV16AF-41</p> 	 <p>● 300° ROTATION MONO UNIT</p> <p>PCB MOUNTING HOLE DETAIL</p>
<p>RV16ADOF-41</p> 	 <p>● 300° ROTATION MONO UNIT</p> <p>MOUNTING HOLE DETAIL</p>

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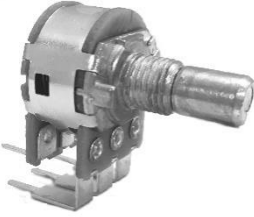
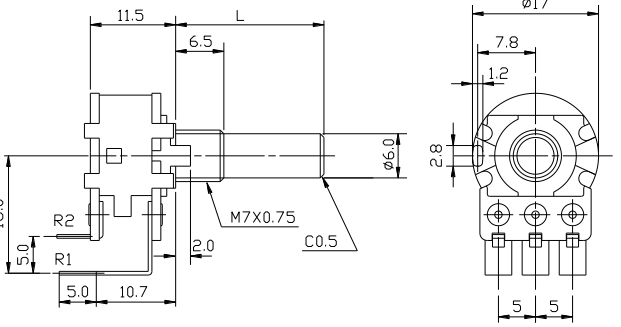
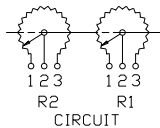
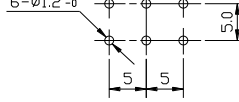
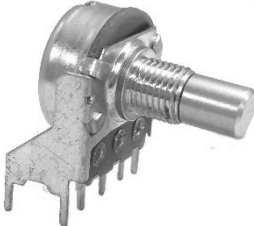
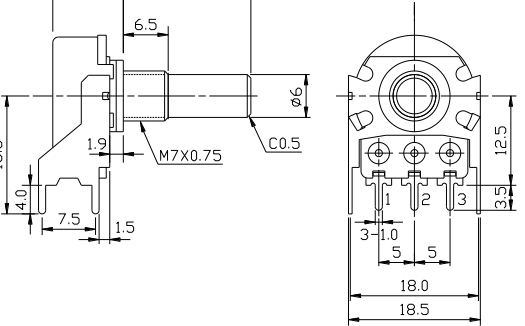

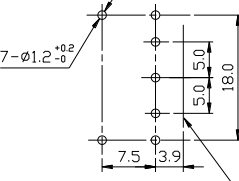

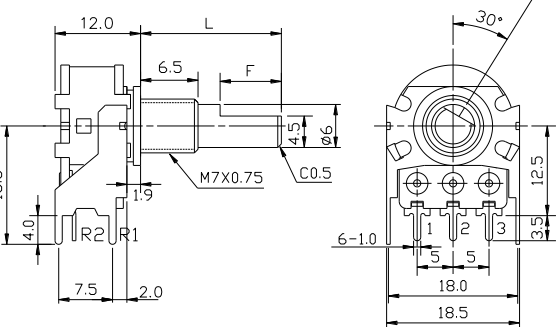
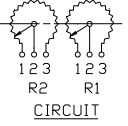
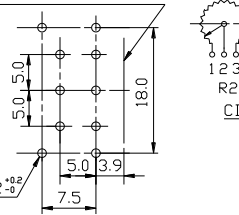

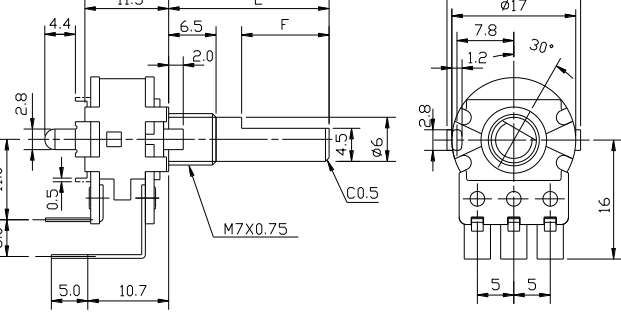
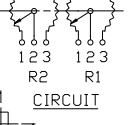
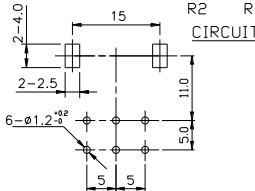


## 16mm Rotary Type, Metal Shaft Series

Order Code	Outline Drawing
<p>RV16ARF-20</p> 	 <p>● 300° ROTATION MONO UNIT</p> <p>CIRCUIT</p> <p>PCB MOUNTING HOLE DETAIL</p>
<p>RV16A01F-10</p> 	 <p>● 300° ROTATION DUAL UNIT</p> <p>CIRCUIT</p>
<p>RV16A01F-20</p> 	 <p>● 300° ROTATION DUAL UNIT</p> <p>CIRCUIT</p> <p>PCB MOUNTING HOLE DETAIL</p>
<p>RV16A01F-30</p> 	 <p>● 300° ROTATION DUAL UNIT</p> <p>CIRCUIT</p> <p>PCB MOUNTING HOLE DETAIL</p>

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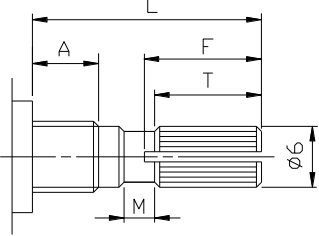
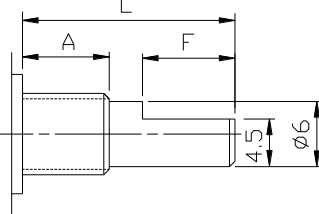
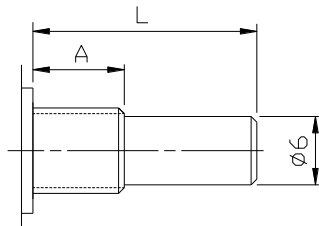
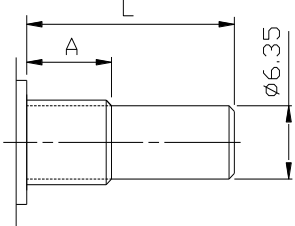
## 16mm Rotary Type, Metal Shaft Series

Order Code	Outline Drawing
<p data-bbox="71 353 252 387">RV16A01F-41</p> 	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p data-bbox="1005 383 1204 405">FULL C.C.W. POSITION</p>  </div> <div style="text-align: center;"> <p data-bbox="1300 376 1492 421">● 300° ROTATION DUAL UNIT</p>  <p data-bbox="1364 533 1444 555">CIRCUIT</p> </div> </div> <div style="text-align: right; margin-top: 10px;"> <p data-bbox="1236 705 1508 728">PCB MOUNTING HOLE DETAIL</p>  </div>
<p data-bbox="71 788 252 822">RV16AEF-20</p> 	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p data-bbox="869 817 1069 840">FULL C.C.W. POSITION</p>  </div> <div style="text-align: center;"> <p data-bbox="1316 846 1508 891">● 300° ROTATION MONO UNIT</p>  <p data-bbox="1396 981 1460 1003">CIRCUIT</p> </div> </div> <div style="text-align: right; margin-top: 10px;"> <p data-bbox="1173 1097 1412 1120">MOUNTING SURFACE</p> <p data-bbox="1157 1131 1428 1153">PCB MOUNTING HOLE DETAIL</p>  </div>
<p data-bbox="71 1218 256 1252">RV16AE1F-20</p> 	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p data-bbox="901 1243 1101 1265">FULL C.C.W. POSITION</p>  </div> <div style="text-align: center;"> <p data-bbox="1364 1281 1508 1326">● 300° ROTATION DUAL UNIT</p>  <p data-bbox="1412 1429 1476 1451">CIRCUIT</p> </div> </div> <div style="text-align: right; margin-top: 10px;"> <p data-bbox="1181 1317 1348 1339">MOUNTING SURFACE</p> <p data-bbox="1157 1556 1428 1579">PCB MOUNTING HOLE DETAIL</p>  </div>
<p data-bbox="71 1648 256 1682">RV16AD1F-41</p> 	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p data-bbox="917 1691 1117 1713">FULL C.C.W. POSITION</p>  </div> <div style="text-align: center;"> <p data-bbox="1364 1684 1508 1729">● 300° ROTATION DUAL UNIT</p>  <p data-bbox="1412 1832 1476 1854">CIRCUIT</p> </div> </div> <div style="text-align: right; margin-top: 10px;"> <p data-bbox="1212 2004 1484 2027">PCB MOUNTING HOLE DETAIL</p>  </div>

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### ■ Metal Shaft Type

K Type																																							
	A : 5mm	A : 6.5mm	A : 8mm																																				
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