

### 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	<b>.</b>	Order	Length	
Code	ф	Code		
Α	M6x0.75	1	5.0 mm	
В	M7x0.75	2	6.5 mm	
С	M8x0.75	3	7.0 mm	
D	M3/8x0.75	4	8.0 mm	
Blank	M7x0.75, 6.5 mm			

Metal Shaft Type

Cl	ick

Order code	Description	
3	No click	
2C 2D 2E 2E	Center click ,	
3C, 3D,3E, 3F	11, 21, 41 clicks	

#### Taper and Resistance Value

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

Taper: A, B and C

Resistance Value:  $1 \text{K}\Omega$  to  $500 \text{K}\Omega$  and  $1 \text{M}\Omega$ 

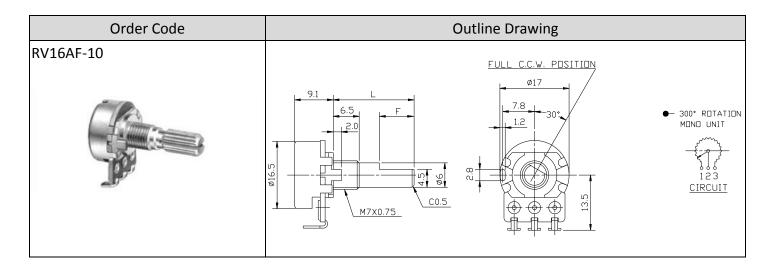
\*Contact us for other requirements.



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### **■**Model Description

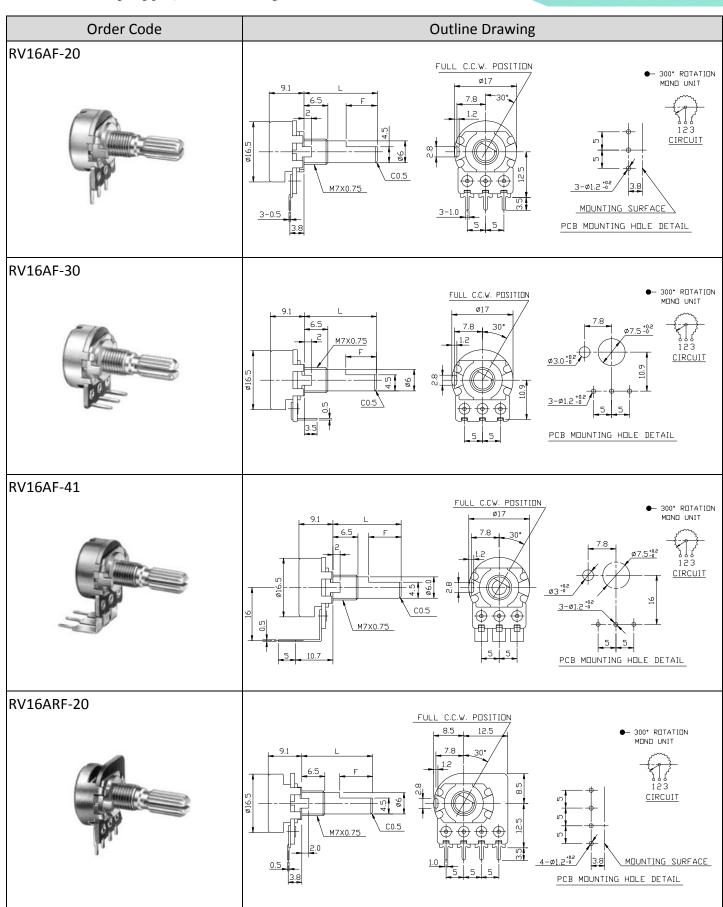
Model	Number of Unit	Switch Function	Terminal Type	With Sleeve or Bushing	Rotational Angle
RV16AF-10	Single unit	N/A	Solder lug	Metal bushing	300°±5°
RV16AF-20	Single unit	N/A	Horizontal	Metal bushing	300°±5°
RV16AF-30	Single unit	N/A	Vertical (Front)	Metal bushing	300°±5°
RV16AF-41	Single unit	N/A	Vertical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



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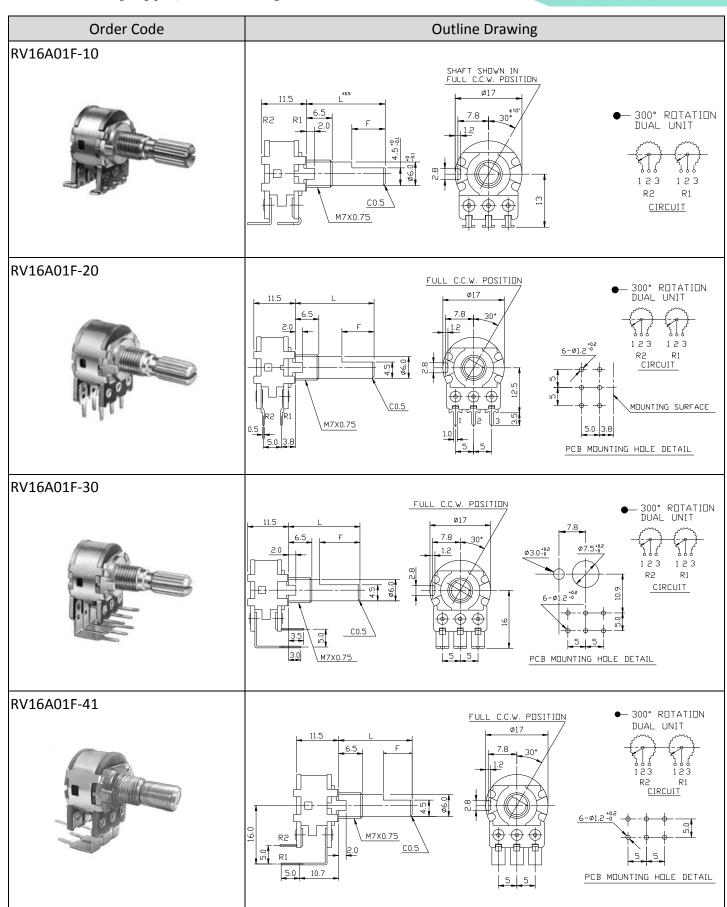
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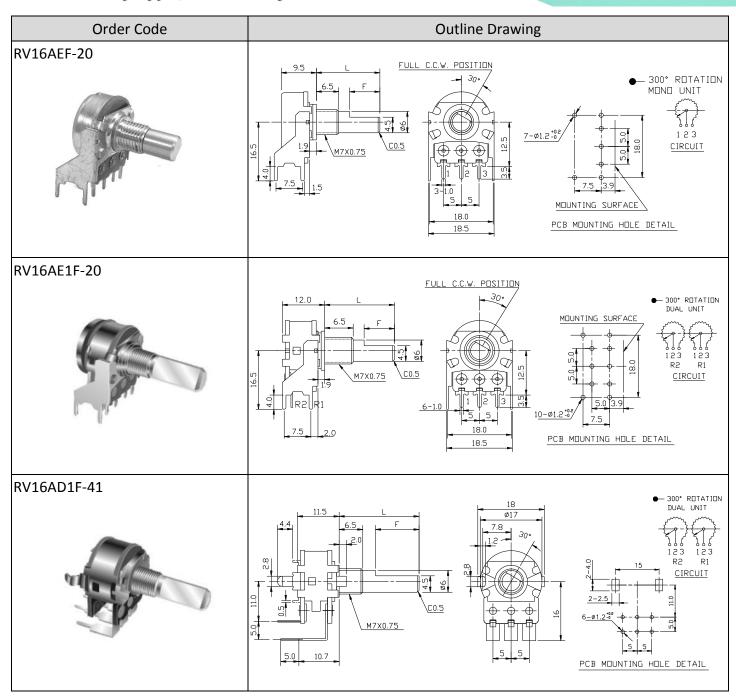
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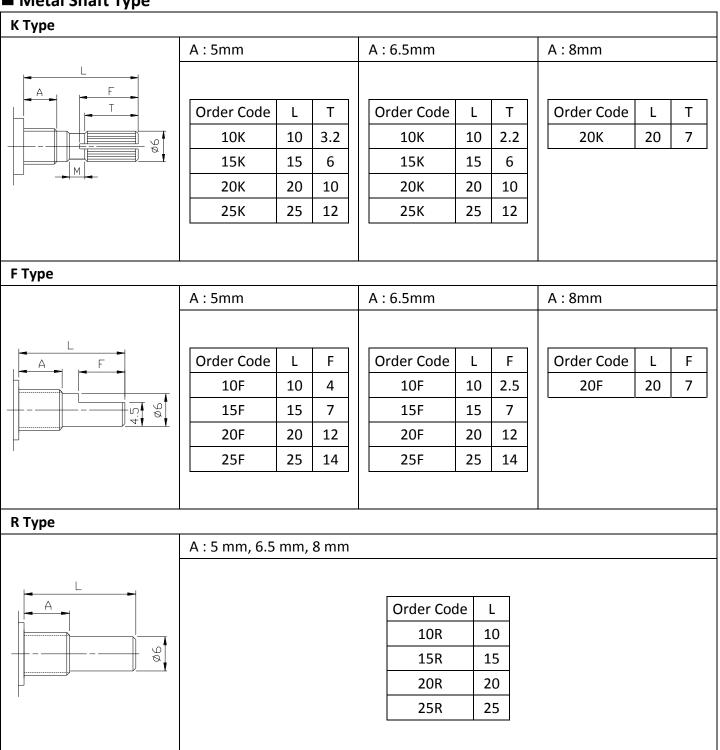


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#### ■ Metal Shaft Type



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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### **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

### Alpha (Taiwan):

RV16AF-20CB-20K-A20K-LA RV16AF-10-15R1-B5K-0CLA RV16AF-10-20R1-A2K-LA RV16AF-10-20R1-A1M-LA RV16AF-10-15R1-B500K-0DLA RV16AF-10-15R1-B2K-0CLA RV16AF-10-15K-A2K-3LA RV16AF-10-15S1-C25K-LA RV16AF-10-15S1-C50K-LA RV16AF-20-15K-C50K-3LA RV16AF-20-15S1-C1K-LA RV16AF-20-15S1-C2K-LA RV16AF-10-15S1-C1K-LA RV16AF-10-15R1-B50K-LA RV16AF-10-15S1-C5K-LA RV16AF-10-20R1-B50K-LA RV16AF-20-15S1-C50K-LA RV16AF-20-15K-C5K-3LA RV16AF-10-15S1-C250K-LA RV16AF-10-15K-C2K-3LA RV16AF-10-15K-C10K-3LA RV16AF-10-15K-A5K-3LA RV16AF-20-15S1-C1M-LA RV16AF-10-15K-C25K-3LA RV16AF-10-15K-A1M-3LA RV16AF-20-15S1-A50K-LA RV16AF-10-15K-A50K-3LA RV16AF-20-15K-C2K-3LA RV16AF-10-15K-C1M-3LA RV16AF-20-15S1-A5K-LA RV16AF-10-15R1-B100K-0CLA RV16AF-20-15S1-C5K-LA RV16AF-20-15K-C25K-3LA RV16AF-10-15K-C1K-3LA RV16AF-20-15S1-A250K-LA RV16AF-20-15K-A250K-3LA RV16AF-10-20R1-A10K-LA RV16AF-10-15K-C250K-3LA RV16AF-10-20R1-B2K-LA RV16AF-10-20R1-B1M-LA RV16AF-20-15K-C250K-3LA RV16AF-10-15K-C500K-3LA RV16AF-10-20R1-A1K-LA RV16AF-10-15R1-B250K-0CLA RV16AF-20-15S1-A500K-LA RV16AF-10-20R1-B10K-LA RV16AF-10-20R1-B100K-LA RV16AF-10-15K-A500K-3LA RV16AF-10-15R1-B50K-0DLA RV16AF-20-15K-C100K-3LA RV16AF-10-15K-C100K-3LA RV16AF-10-15K-A250K-3LA RV16AF-10-15K-A1K-3LA RV16AF-10-15K-C50K-3LA RV16AF-20-15S1-C100K-LA RV16AF-20-15S1-A2K-LA RV16AF-10-15S1-C10K-LA RV16AF-20-15S1-C500K-LA RV16AF-10-15S1-A25K-LA RV16AF-10-15R1-A10K-LA RV16AF-20-15K-A500K-3LA RV16AF-10-15R1-B25K-0CLA RV16AF-20-15K-A1K-3LA RV16AF-10-15S1-A250K-LA RV16AF-20-15K-C1K-3LA RV16AF-20-15S1-C250K-LA RV16AF-10-15K-C5K-3LA RV16AF-10-15S1-C1M-LA RV16AF-20-15K-C10K-3LA RV16AF-20-15K-A5K-3LA RV16AF-10-15R1-B1M-0DLA RV16AF-20-15K-A25K-3LA RV16AF-10-15S1-A500K-LA RV16AF-10-20R1-B5K-LA RV16AF-10-15S1-A1M-LA RV16AF-10-15R1-A100K-0DLA RV16AF-20-15K-A1M-3LA RV16AF-20-15K-C1M-3LA RV16AF-20-15S1-A100K-LA RV16AF-10-15S1-A5K-LA RV16AF-10-15S1-A10K-LA RV16AF-20-15S1-A25K-LA RV16AF-10-15S1-A2K-LA RV16AF-10-20R1-B1K-LA RV16AF-10-15R1-B5K-0DLA RV16AF-10-20R1-A50K-LA RV16AF-20-15S1-C10K-LA RV16AF-20-15S1-C25K-LA RV16AF-20-15K-C500K-3LA RV16AF-10-15S1-C100K-LA RV16AF-20-15K-A10K-3LA RV16AF-10-15K-A10K-3LA RV16AF-10-15R1-B2K-0DLA RV16AF-10-15R1-A1M-0DLA RV16AF-10-15K-A25K-3LA RV16AF-10-15K-A100K-3LA RV16AF-10-15R1-A50K-0DLA RV16AF-10-15R1-B50K-0CLA RV16AF-10-15S1-C500K-LA RV16AF-10-15S1-A50K-LA