POTENTIOMETERS

ALPHA

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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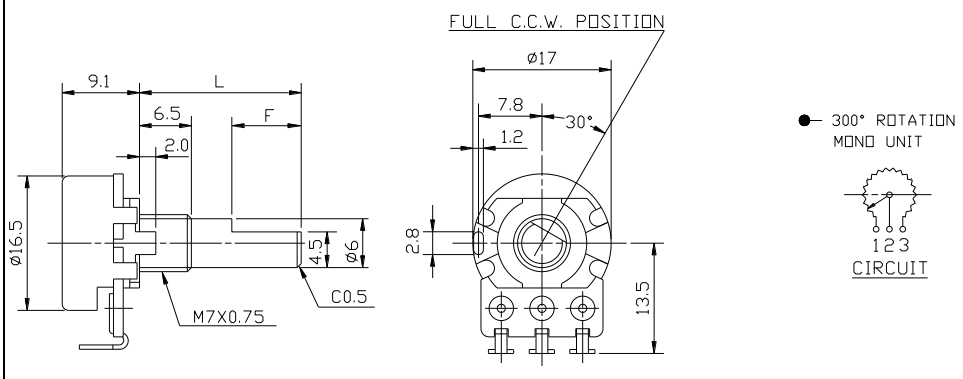
■Model Description

Model	Number of Unit	Switch Function	Terminal Type	With Sleeve or Bushing	Rotational Angle
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°

Order Code	Outline Drawing
RV16AF-10	

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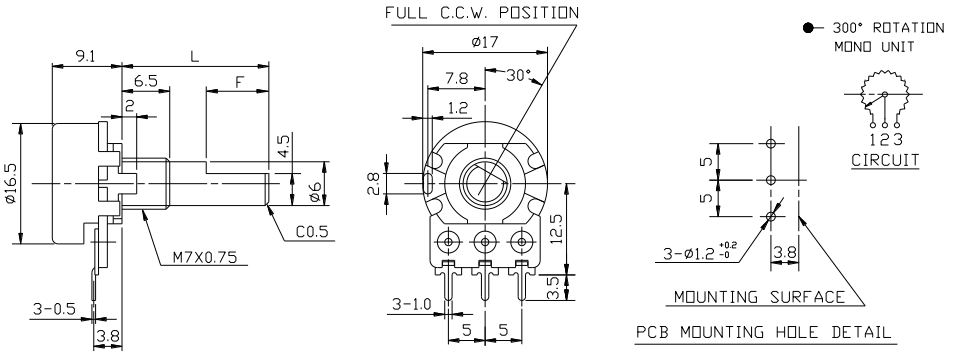
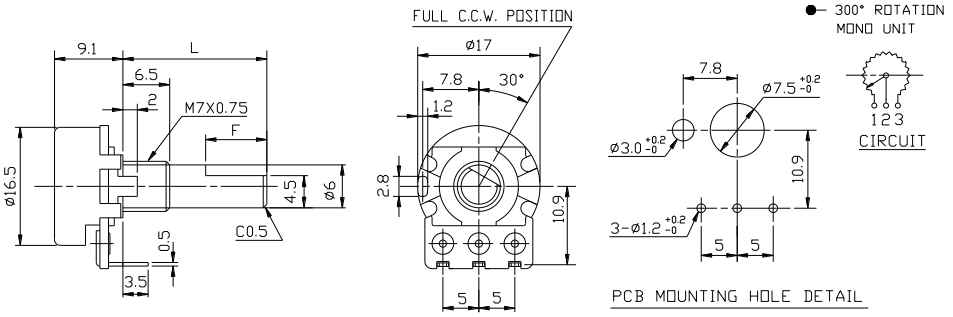
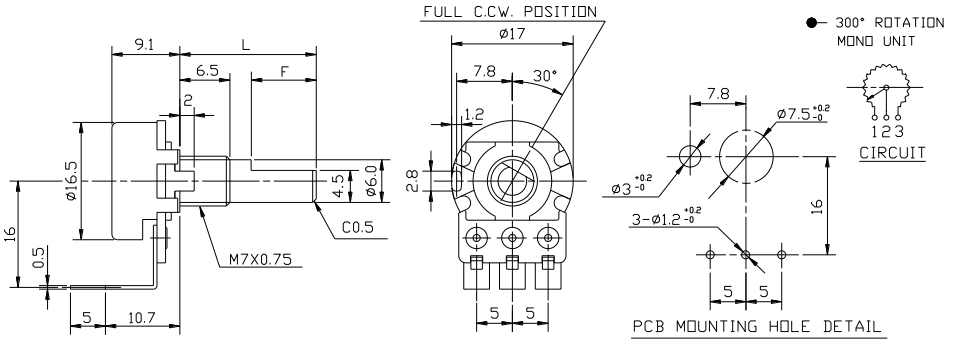
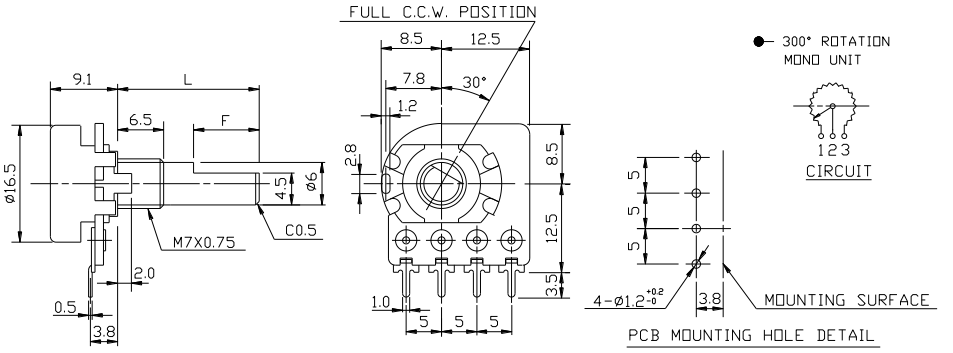
Order Code	Outline Drawing
RV16AF-20	
RV16AF-30	
RV16AF-41	
RV16ARF-20	

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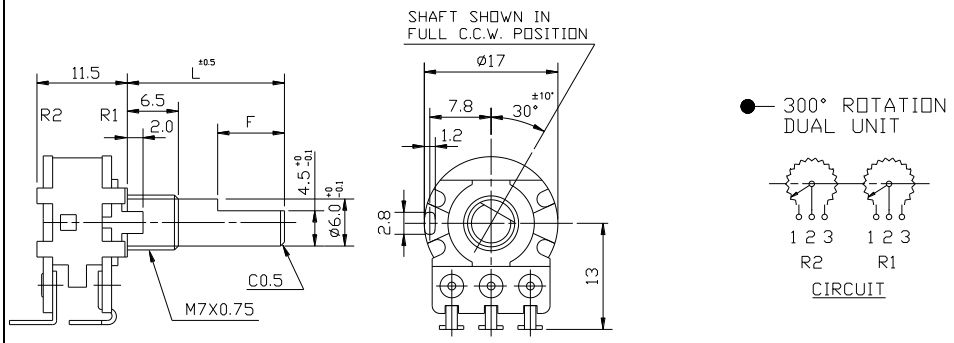
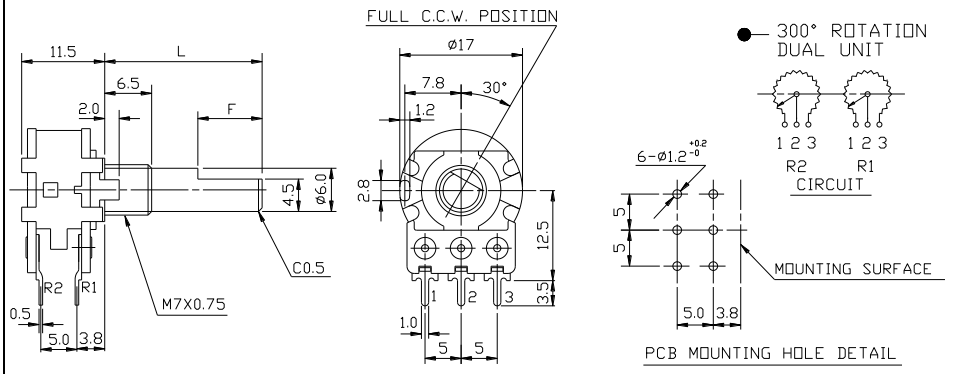
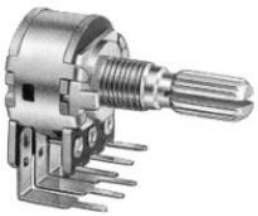
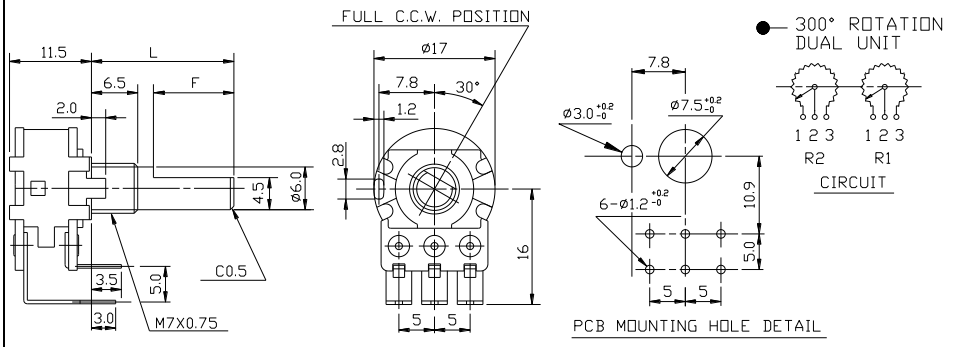
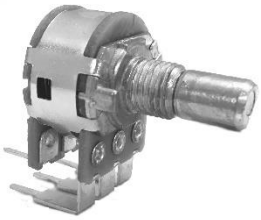
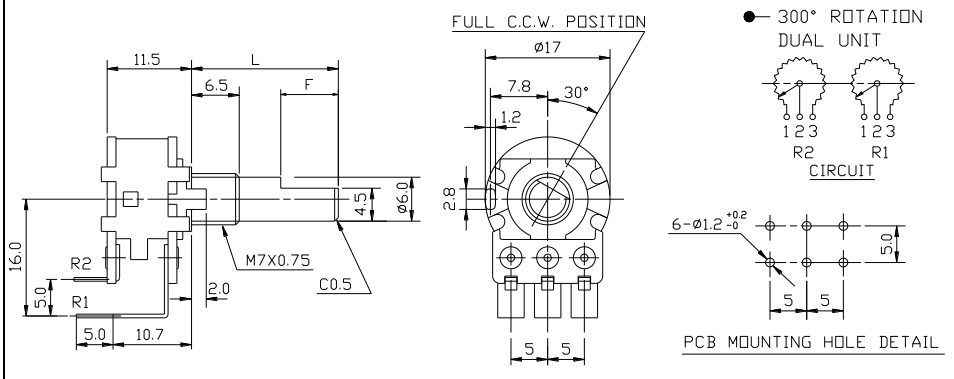
Order Code	Outline Drawing
RV16A01F-10	
RV16A01F-20	
RV16A01F-30	 
RV16A01F-41	 

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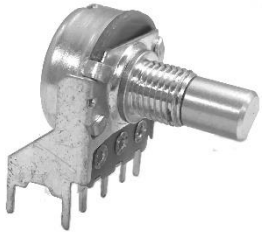
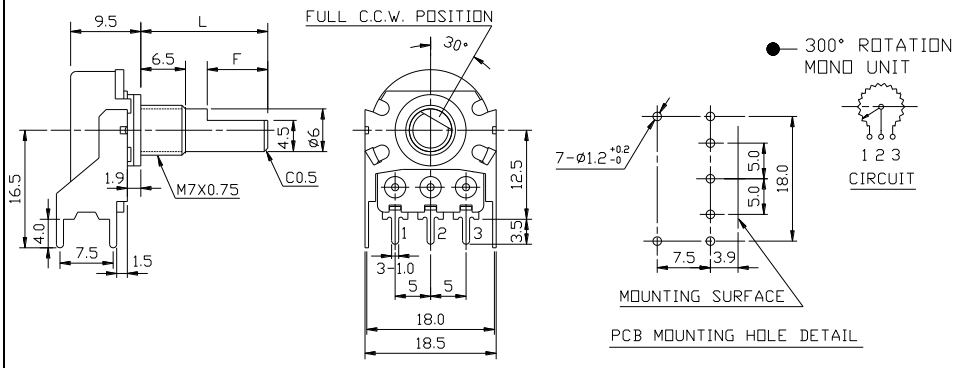
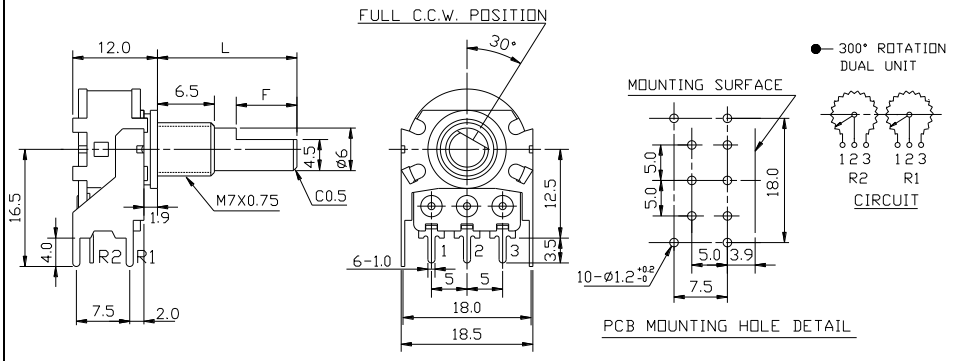
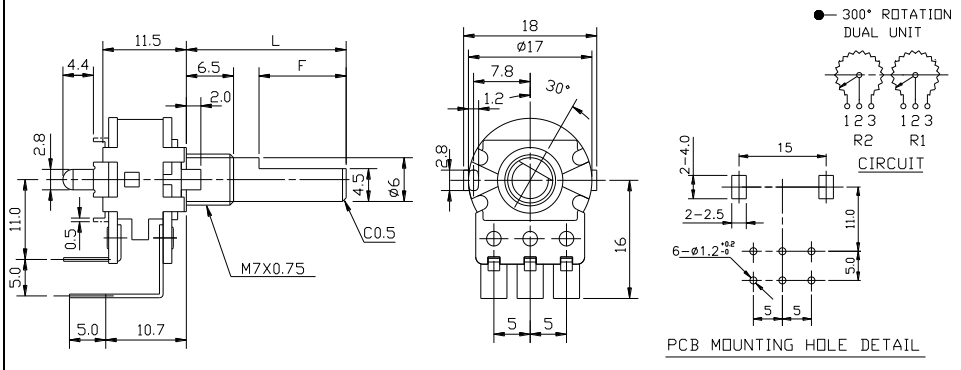
Order Code	Outline Drawing
RV16AEF-20 	
RV16AE1F-20	
RV16AD1F-41	

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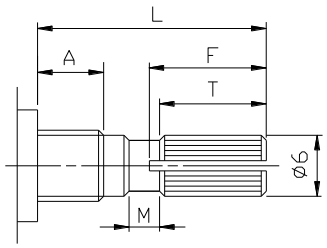
■ Metal Shaft Type

K Type



A : 5mm

Order Code	L	T
10K	10	3.2
15K	15	6
20K	20	10
25K	25	12

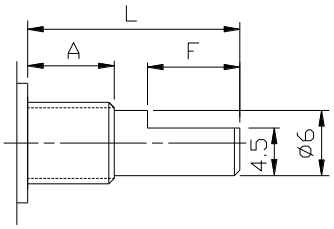
A : 6.5mm

Order Code	L	T
10K	10	2.2
15K	15	6
20K	20	10
25K	25	12

A : 8mm

Order Code	L	T
20K	20	7

F Type



A : 5mm

Order Code	L	F
10F	10	4
15F	15	7
20F	20	12
25F	25	14

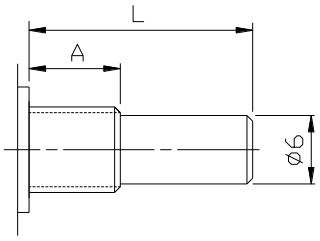
A : 6.5mm

Order Code	L	F
10F	10	2.5
15F	15	7
20F	20	12
25F	25	14

A : 8mm

Order Code	L	F
20F	20	7

R Type



A : 5 mm, 6.5 mm, 8 mm

Order Code	L
10R	10
15R	15
20R	20
25R	25

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

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Alpha (Taiwan):

RV16AF-10-15R1-B10K RV16AF-10-20R1-A1K RV16AF-10-20R1-A500K RV16AF-10-20R1-A100K RV16AF-10-20R1-A5K RV16AF-10-15R1-B100K RV16AF-10-20R1-A1M RV16AF-10-15R1-B20K RV16AF-10-15R1-B25K RV16AF-10-20R1-A50K RV16AF-10-20R1-B500K RV16AF-10-15R1-B50K RV16AF-10-15R1-B250K RV16AF-10-15R1-B1M RV16AF-10-15R1-B1K RV16AF-10-15R1-B5K RV16AF-10-15R1-B2K RV16AF-10-20R1-A2K RV16AF-10-20R1-B10K RV16AF-10-20R1-B50K RV16AF-10-15R1-B500K RV16AF-10-20R1-B1K RV16AF-10-20R1-A10K RV16AF-10-20R1-B5K RV16AF-10-20R1-B100K RV16AF-10-20R1-B1M RV16AF-10-20R1-B23 RV16AF-42-15R1-B100K RV16AF-20-15K-C250K RV16AF-20-15S1-C500K RV16AF-20-15S1-C25K RV16AF-20-15K-C2K RV16AF-20-15K-C500K RV16AF-20-15S1-C1K RV16AF-20-15S1-C10K RV16AF-20-15S1-C1M RV16AF-20-15S1-C5K RV16AF-20-15S1-C2K RV16AF-20-15K-C1K RV16AF-20-15K-C10K RV16AF-20-15S1-C100K RV16AF-20-15S1-C50K RV16AF-20-15K-C1M RV16AF-20-15K-C5K RV16AF-20-15K-C50K RV16AF-20-15K-C25K RV16AF-20-15K-C100K RV16AF-20-15S1-C250K RV16AF-10-15K-C100K-3 RV16AF-10-15K-C10K-3 RV16AF-10-15K-C1K-3 RV16AF-10-15K-C1M-3 RV16AF-10-15K-C250K-3 RV16AF-10-15K-C25K-3 RV16AF-10-15K-C2K-3 RV16AF-10-15K-C500K-3 RV16AF-10-15K-C50K-3 RV16AF-10-15K-C5K-3 RV16AF-10-15S1-C100K RV16AF-10-15S1-C10K RV16AF-10-15S1-C250K RV16AF-10-15S1-C25K RV16AF-10-15S1-C2K RV16AF-10-15S1-C50K RV16AF-10-15S1-C5K RV16AF-10-15S1-C1K RV16AF-10-15S1-C1M RV16AF-10-15S1-C500K RV16AF-20-15K-A25K-3 RV16AF-10-15S1-A100K RV16AF-20-15S1-A500K RV16AF-10-15S1-A50K RV16AF-10-15K-A10K-3 RV16AF-10-15S1-A250K RV16AF-10-15S1-A5K RV16AF-20-15K-A50K-3 RV16AF-10-15R1-A10K RV16AF-10-15S1-A1M RV16AF-20-15S1-A10K RV16AF-20-15K-A10K-3 RV16AF-20-15K-A500K RV16AF-10-15S1-A1K RV16AF-10-15K-A100K-3 RV16AF-20-15K-A5K RV16AF-10-15K-A500K-3 RV16AF-10-15K-A250K-3 RV16AF-20-15S1-A100K RV16AF-10-15K-A2K RV16AF-20CB-20K-A20K-LA RV16AF-20-15K-A2K RV16AF-10-15S1-A500K RV16AF-20-15S1-A2K RV16AF-20-15S1-A50K RV16AF-20-15S1-A1K RV16AF-10-15S1-A10K RV16AF-20-15S1-A25K RV16AF-10-15K-A1K RV16AF-20-15K-A100K-3 RV16AF-20-15S1-A1M RV16AF-10-15S1-A25K

LifeElectronics
Живое партнерство

ООО «ЛайфЭлектроникс» **“LifeElectronics” LLC**

ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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- *Специальные условия для постоянных клиентов.*
- *Подбор аналогов.*
- *Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.*

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- *Наличие сертификата ISO.*

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- *Оценку стоимости проекта по компонентам.*
- *Изготовление тестовой платы монтаж и пусконаладочные работы.*

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