

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：


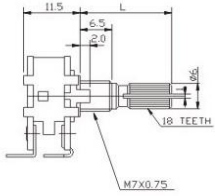
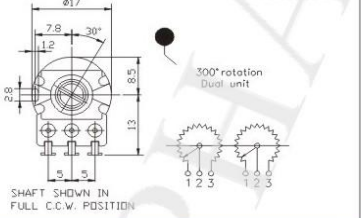

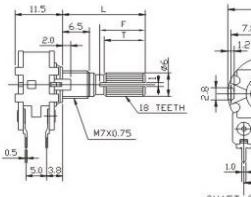
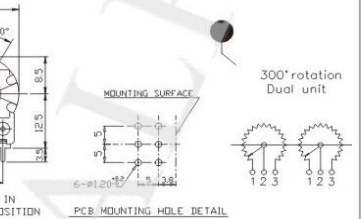

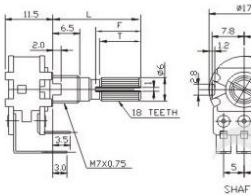
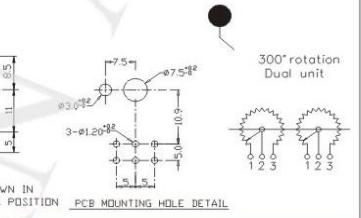

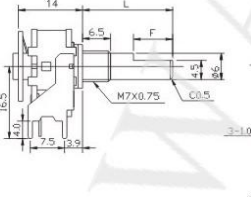
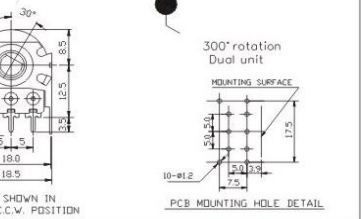

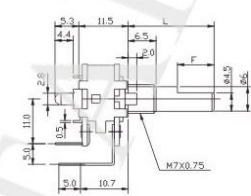
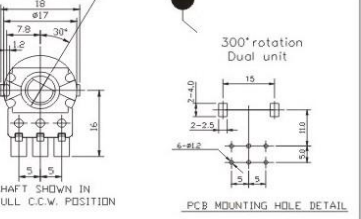
1. 型號。
2. 公稱阻值及線性要求。
3. 軸型及長度。
4. 端子型式。
5. 段點的有無。
6. 中間抽頭的有無。
7. 音量用或其他。
8. 手焊錫或錫爐焊錫。

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：

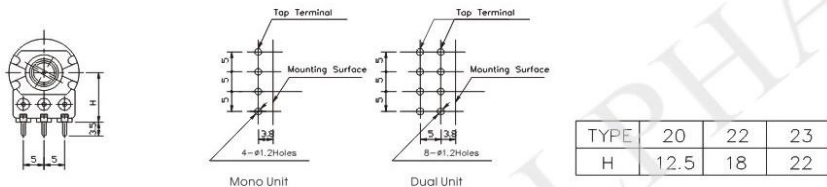
1. MODEL.
2. NORMAL RESISTANCE VALUE AND TAPER.
3. SHAFT STYLE AND LENGTH.
4. TERMINAL STYLE.
5. WITH CLICK OR WITHOUT CLICK, CLICK POSITION
6. WITH TAP OR WITHOUT TAP, TAP POSITION.
7. FOR VOLUME CONTROL OR OTHER USE.
8. MANUAL SOLDERING OR DIP SOLDERING.

Model	Outline Drawing	Features / Individual Specification
<p>RV16A01F-10</p> 	 <p>M7x0.75 18 TEETH</p>	 <p>300° rotation Dual unit</p> <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p>
<p>RV16A01F-20</p> 	 <p>M7x0.75 18 TEETH</p>	 <p>300° rotation Dual unit</p> <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p> <p>PCB MOUNTING HOLE DETAIL</p>
<p>RV16A01F-30</p> 	 <p>M7x0.75 18 TEETH</p>	 <p>300° rotation Dual unit</p> <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p> <p>PCB MOUNTING HOLE DETAIL</p>
<p>RV16AE1F-20B2</p> 	 <p>M7x0.75 C0.5</p>	 <p>300° rotation Dual unit</p> <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p> <p>PCB MOUNTING HOLE DETAIL</p>
<p>RV16AD1F-41</p> 	 <p>M7x0.75</p>	 <p>300° rotation Dual unit</p> <p>SHAFT SHOWN IN FULL C.C.W. POSITION</p> <p>PCB MOUNTING HOLE DETAIL</p>

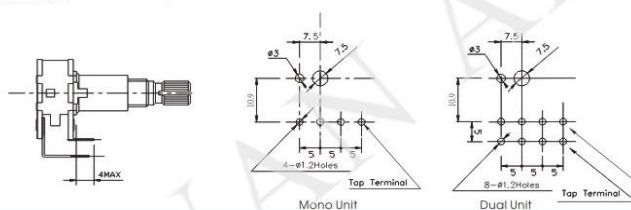
For Shaft & Bushing Dimension please refer to page(74)
For PCB Mounting HoleDetail please refer to page(50)

P.C.B. MOUNTING HOLE DETAIL AND TERMINAL DIMENSIONS

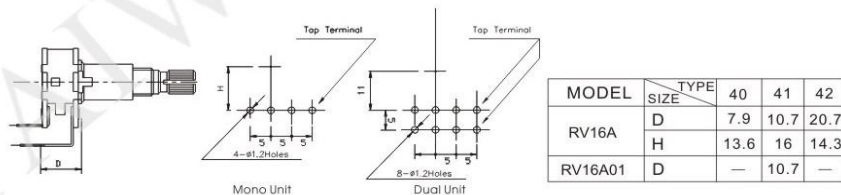
20 Type Terminal (PH Terminal)



30 Type Terminal (PV Terminal)



40 Type Terminal (UPV Terminal)



RV16AF

MECHANICAL

TOTAL ROTATION ANGLE 300° ±5°
 ROTATION TORQUE 20-200 gf.cm
 SHAFT STOP STRENGTH 6kgf.cm/Min.
 CLICK POSITION Center, 11, 21 or 41 positions
 CLICK TORQUE 100-400 gf.cm

ELECTRICAL

RATED WATTAGE 0.125W
 RATED VOLTAGE 150V AC
 INSULATION RESISTANCE more than 100MΩ at 500V DC
 DIELECTRIC STRENGTH 500V AC, 1 minute
 TAP POSITION 50% (150°)
 TRACKING ERROR volume control: -40~0dB±3dB
 tone, balance control: ±2dB at 50% point

linear taper (B) other tapers
 0.125W 0.06W
 150V AC 150V AC
 more than 100MΩ at 500V DC
 500V AC, 1 minute
 50% (150°)
 volume control: -40~0dB±3dB
 tone, balance control: ±2dB at 50% point

For Shaft & Bushing Dimension please refer to page(74)

STANDARD SHAFT, BUSHING, NUT AND WASHER DIMENSION

METAL SHAFT

※ Not specified Slotting angle

A: 5m/m

SHAFT-TYPE	L	10	15	20	25	30	35	40
K	F1	3.5	6.5	11	14	14	14	14
	T	3.2	6	10	12	12	12	12
	M	0.5	1	2	4	4	4	4
F	F2	4	7	12	14	14	14	14
R, S	L	10	15	20	25	30	35	40

A: 6.5m/m

SHAFT-TYPE	L	10	15	20	25	30	35	40
K	F1	2.4	6.5	11	14	14	14	14
	T	2.2	6	10	12	12	12	12
	M	0.5	1	2	4	4	4	4
F	F2	2.5	7	12	14	14	14	14
R, S	L	10	15	20	25	30	35	40

BUSHING

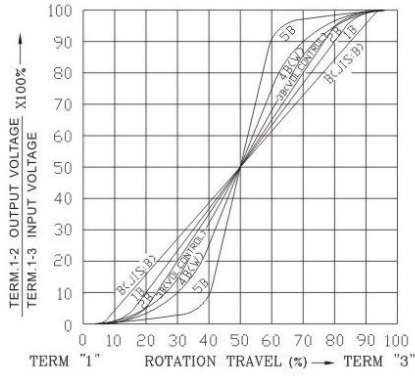
SERIES	RV24A	RV170	RV16A	RV060	RV120	RV122
A	∅8	∅7	∅7	∅9	∅7	7
B	6.5	5	6.5	7	7	7
C	2	1	1.4	0.7	3.3	3.3
D	M8x0.75	M7x0.75	M7x0.75	M9x0.75	M7x0.75	M7x0.75

NUT, WASHER

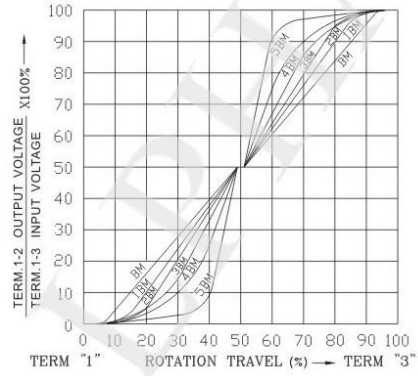
d	B	H
M6x0.75	8	2.0
M7x0.75	10	2.0
M8x0.75	11	2.0
M9x0.75	12	2.0
M10x0.75	14	2.0
3/8"32NEF	12.6	2.2

SERIES	d	D	H
M6	∅6.1	∅10	0.4
M7	∅7.1	∅12	0.4
M8	∅8.1	∅14	0.4
M9	∅9.1	∅14	0.4
M10	∅10.2	∅14.8	0.5
3/8"32NEF	∅9.7	∅16	0.4

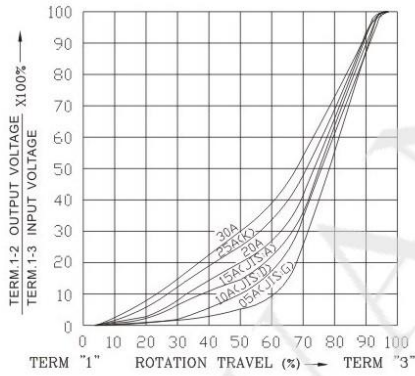
TAPERS B SERIES



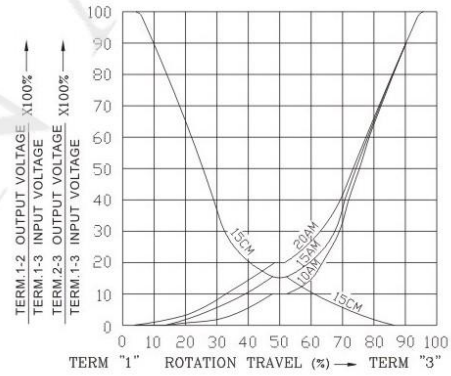
TAPERS B WITH 50% TAP



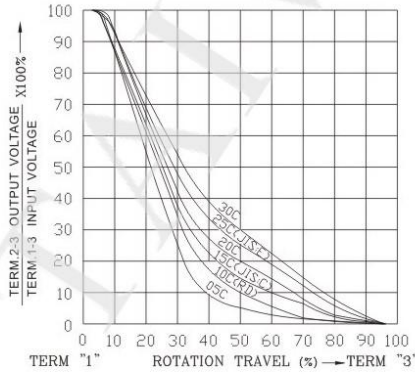
TAPERS A SERIES



TAPERS A & C WITH 50% TAP



TAPERS C SERIES



TAPERS M & N

