

滑動型可變電阻器編碼規則

**RA 20 32 F -2 0 2 T -085 DA 1 -A 10K -C 1 XXX**  
**1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16**

**1. Product Line**

RA Slide Potentiometer

**2. Travel Distance of Lever**

Code	Travel
10	10mm
20	20mm
25	25mm
f	f
00	100mm

**3. Model Code**

**4. RoHS version**

F indicates RoHS compliance

**5. Type of Terminal**

Code	Type of Terminal
1	Solder Lug Type
2	P.C.B Type(Vertical Type)
3	P.C.B Type(Horizontal Type)

**6. Derivatives of Terminal Types**

**7. Derivatives of Model Code**

**8. Type of Tap (T: Center Tap)**

**9. Length of Lever**

Code	Lengthmm
04	4.0mm
085	8.5mm
10	10.0mm

**10. Type of Lever**

**11. Derivative of Lever Type**

**12. Resistance Curve (TAPER)**

**13. Resistance Value**

**14. Number of Click**

Code	Clicks
0	None
C	Center Click
3	3-Click
7	7-Click
D	11-Click
G	End Click

**15. Type of Dust Cover**

Code	Dust Cover
0	None
1	Dust Cover 1
2	Dust Cover 2

**16. 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：**

- 機種及滑動行程。
- 公稱阻值及線性要求。
- 柄型式及長度。
- 段點有無、段點位置。
- 中間抽頭有無、抽頭位置。
- 音量用或其他。
- 手焊錫或錫爐焊錫。
- LED顏色(發光型)

**ORDERING INSTRUCTIONS：**

WHEN PLACING YOUR ORDER, PLEASE SPECIFY THE FOLLOWING ITEMS.

**ITEMS：**

- MODEL AND TRAVEL DISTANCE.
- NORMAL RESISTANCE AND TAPER.
- LEVER STYLE AND LENGTH.
- WITH CLICK OR WITHOUT CLICK, CLICK POSITION.
- WITH TAP OR WITHOUT TAP, TAP POSITION.
- FOR VOLUME CONTROL OR OTHERS.
- MANUAL SOLDERING OR DIP SOLDERING.
- LED COLOR FOR ILLUMINATED TYPE.

### SPECIFICATION

ELECTRICAL							
TOTAL RESISTANCE	1KΩ to 1MΩ						
RESISTANCE TOLERANCE	± 20%						
RESISTANCE TAPER	A, B, C and other tapers are also available upon request						
RATED WATTAGE(W)	Taper	Travel	15mm	20mm	30mm	45mm	60mm
	B	Mono	0.05	0.1	0.2	0.25	0.2
		Dual	0.025	0.05	0.1	0.125	0.2
	Except B	Mono	0.025	0.05	0.1	0.125	0.1
Dual		0.012	0.025	0.05	0.06	0.1	
RATED VOLTAGE(V)	B		100	200	200	200	200
	Except B		50	150	150	150	150
INSULATION RESISTANCE	100MΩ Min. at 250V DC						
DIELECTRIC STRENGTH	1 minute at 300V AC						

MECHANICAL	
OPERATING FORCE	30~250gf.cm
LEVER STOP STRENGTH	5kg/60Sec. (5mm Point from Mounting Surface)
LEVER WOBBLE	2(2xL)/20mm Max. (L: Lever length, both sides)
CLICK SLIP-OUT FORCE (ONLY CENTER CLICK)	Operating force +20~200gf.cm

DURABILITY	
SLIDING LIFE	15,000 cycles

NUMBER OF CLICK (DETENT)	
	Model
CENTER CLICK	RA ◇◇ 43 series, RA ◇◇ 44 series RA2031, RA3041, RA2032, RA3042 RA ◇◇ 21 series, RA ◇◇ 22 series
11-CLICK	RA3041, RA3042, RA3021, RA3022, RA3043

# LOW-PROFILE TYPE

Model	Outline Drawing	Mounting Hole Detail								
<b>RA◇◇43F-20(Mono)</b> 		<p>P.C.B. Mounting Hole Detail Travel distance ◇◇mm</p> <table border="1"> <tr> <td>15</td> <td>20</td> <td>25</td> <td>30</td> </tr> <tr> <td>45</td> <td>60</td> <td></td> <td></td> </tr> </table>	15	20	25	30	45	60		
15	20	25	30							
45	60									
<b>RA◇◇44F-201(Mono)</b> <b>RA◇◇44F-20 (Dual)</b> <b>RA◇◇44F-20T(With Tap)</b> 		<p>P.C.B. Mounting Hole Detail Travel distance ◇◇mm</p> <table border="1"> <tr> <td>20</td> <td>25</td> <td>30</td> <td>45</td> <td>60</td> </tr> </table>	20	25	30	45	60			
20	25	30	45	60						
<b>RA6046F-201(Mono)</b> <b>RA6046F-20 (Dual)</b> 		<p>Short terminals: 3 and T, 3' and T' P.C.B. Mounting Hole Detail</p>								

## Lever Style

Model	RA◇◇43F Series											
Lever Style	C1			D1			DA		AA		EB	
Dimension												
Length(L)	F	5	10	10	10	F	10	10				
	L	10	15	20	25	L	15	20	10	15	20	
Model	RA◇◇44F Series, RA6046F Series											
Lever Style	C1			D1			DA		AA		EB	
Dimension												
Length(L)	F	5	10	10	10	F	10	10				
	L	10	15	20	25	L	15	20	10	15	20	

- "T" Shown in the outline drawing and P.C.B. Mounting Hole Detail Represent the amount of travel.
- Tap is available for the above series
- BLACK, RED, GREEN, ORANGE OR WHITE Markers are available for "EB" Type Lever