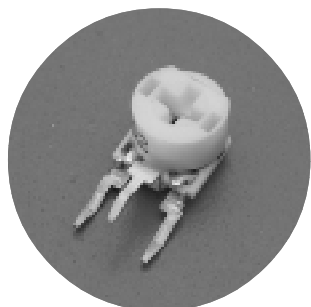
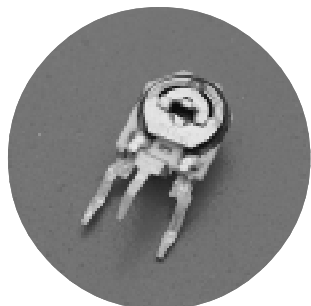




# Ceramic Base Metal

## Film Semifixed Variable Resistors



### TG: 6Ø Ceramic base metal film

#### Feature:

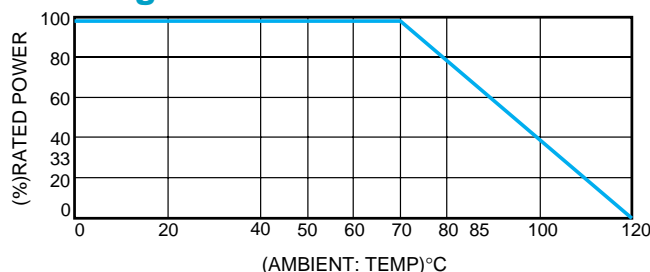
1. High quality. Best reliability.
2. Long operation life.
3. Low temp. coefficient
4. Diameter: 6 mm
5. Dust-proof knob can be attached.
6. Can be cleaning by ultrasonic degreaser with Freon or deionized water.

#### Application:

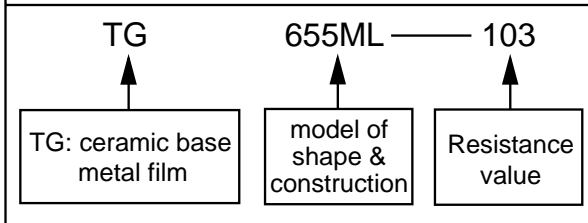
1. Audio & video products: such as TV receivers monitors, VCR. satellite receivers, etc.
2. Telephones, answering, equipment, interphones.
3. Switching power supply.
4. Instrument; Industrial equipment.

ITEM		TG
Electrical Characteristics	Resistance Value & Tolerance:	100Ω~1MΩ±20%
	Taper:	B Curve
	Max Power Rating:	0.3W (at 70°C)
	Max Working Voltage:	250V
	Sliding Noise:	47 mV under
	Residual Resistance:	10Ω @ R≤ 1KΩ, 1% @ R> 1KΩ
Mechanical Characteristics	Outline & Drawing:	as drawings
	Rotation Angle:	220±20 degree
	Rotation Torque:	30-300 gf-cm
	Stopper Strength:	1.0K gf-cm
Reliability Specification	operation life:	30 cycle Resistance Value ±10% 100 cycle Resistance Value±10%
	Temperature Characteristics:	±3% @ 70°C 5HR
	Temperature Coefficient:	±150 ppm/C
	Humidity Characteristic:	±5% @ 40°C90-95%RH without load ±7%
	Resistance to Soldering Heat:	Pass 350°C 3 sec. or 260°C 10 sec. @ without any poor contact
	Working Temperature:	-40°C~125°C
	Terminal Strength:	> 300 gf-cm
	Temperature Cycle	±5% @ without load: 25°C~-40°C, 25°C~125°C ±7%

### Derating Curve:



### ORDERING INFORMATION



## IV Adjusting Direction (調整方法)

<b>H</b>	Horizontal Adjustment	水平調整
<b>M</b>	Double Side (Top/Back) Adjustment	雙面調整
<b>S</b>	Single Adjustment	單面調整

## V Knob Length (帽蓋長度)

<b>C</b>	Knob Without shaft	無柄帽蓋
<b>H</b>	9mm Long Knob With 6m/m Shaft	9mm 帽蓋
<b>P</b>	13mm Long Knob With 10m/m Shaft	13mm 帽蓋
<b>X</b>	15mm Long Knob With 12m/m Shaft	15mm 帽蓋
<b>S</b>	Short Terminal	短腳
<b>L</b>	Long Terminal	長腳

## VI Resistance Value (電阻值)

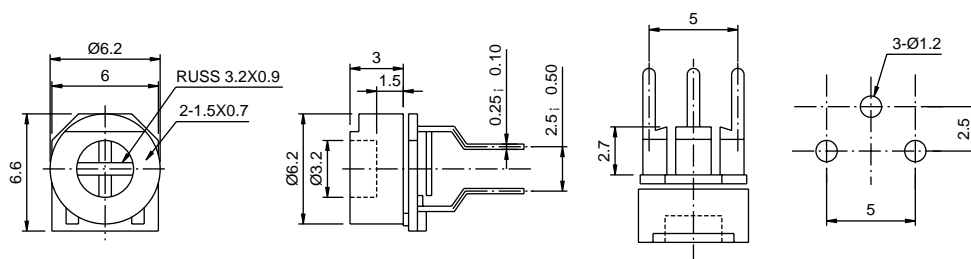
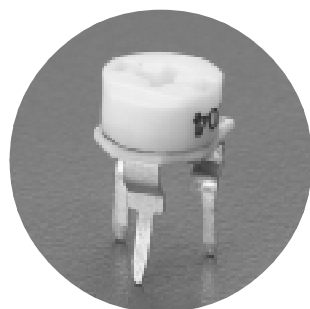
Value	三碼	二碼	Value	三碼	二碼
100Ω	101	12	3K	302	33
1K	102	13	30K	303	34
10K	103	14	300K	304	35
100K	104	15	470Ω	471	471
1M	105	16	4.7K	472	472
200Ω	201	22	47K	473	473
2K	202	23	470K	474	474
20K	203	24	500Ω	501	52
200K	204	25	5K	502	53
2M	205	26	50K	503	54
300Ω	301	32	500K	504	55



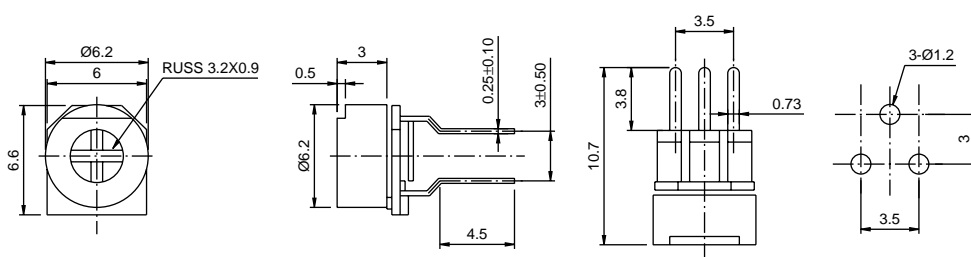
# Ceramic Base Metal

## *Film Semifixed Variable Resistors*

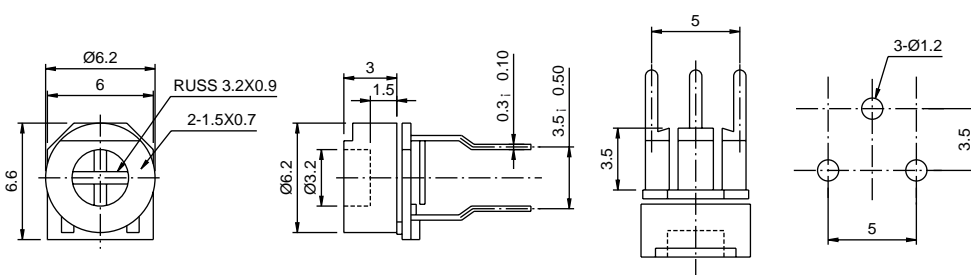
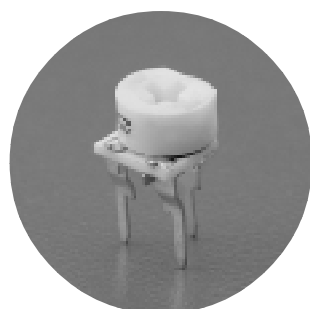
### TG 625HC



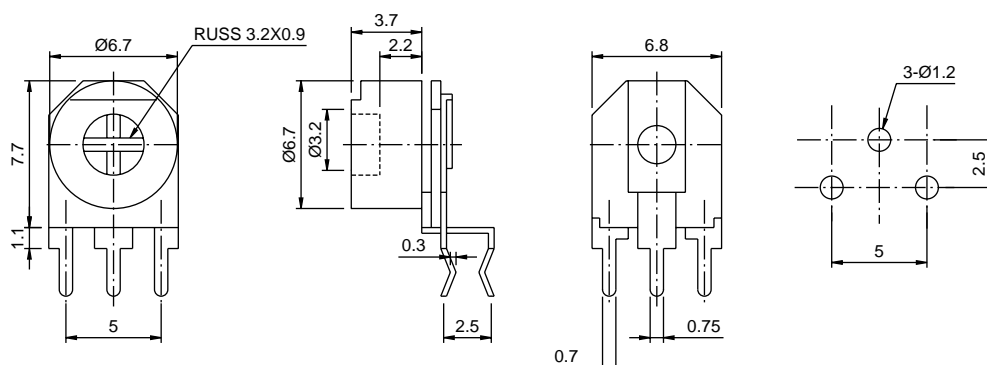
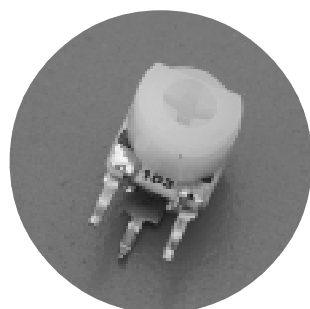
### TG 633HC



### TG 635HC



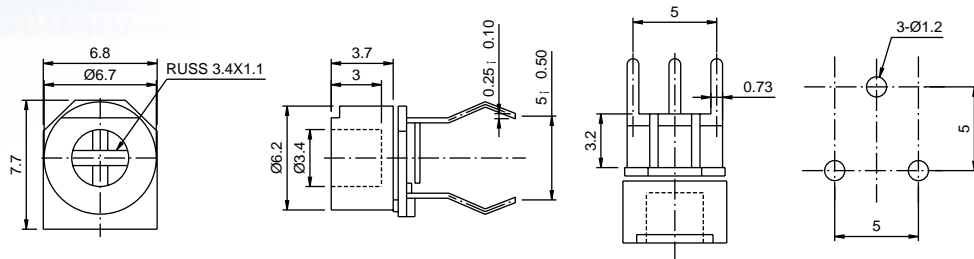
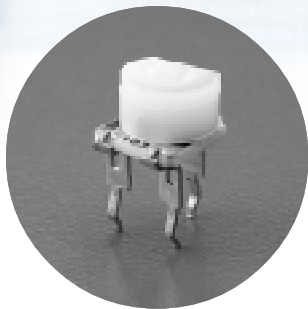
### TG 625SCR



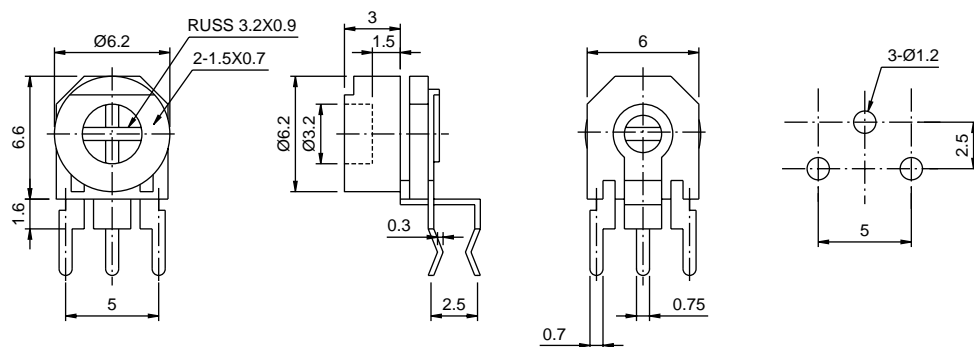
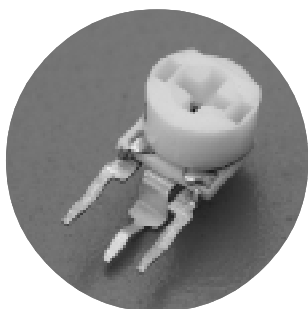
# Ceramic Base Metal

## Film Semifixed Variable Resistors

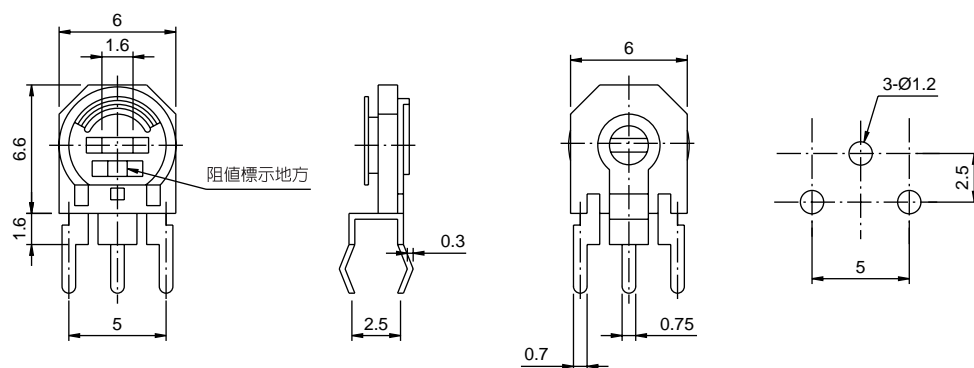
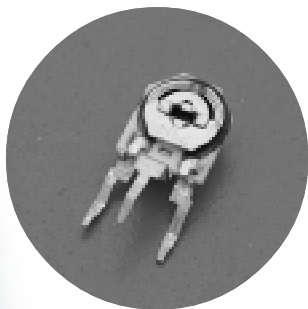
### TG 655SC



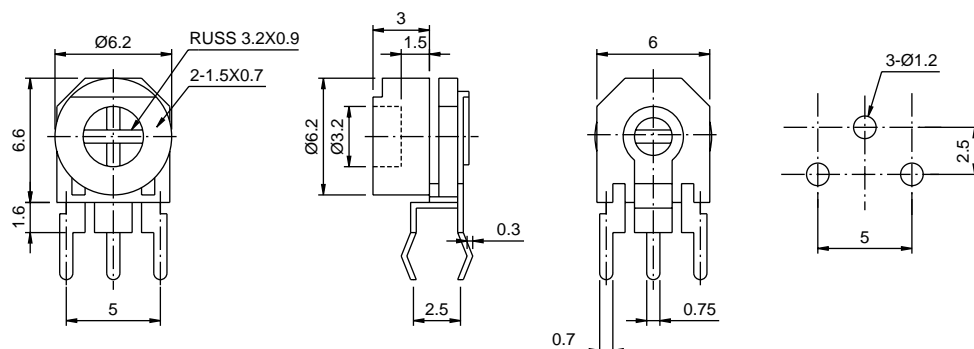
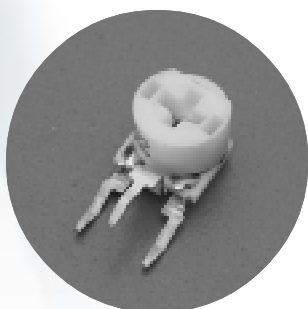
### TG 625MCR



### TG 625M



### TG 625MC

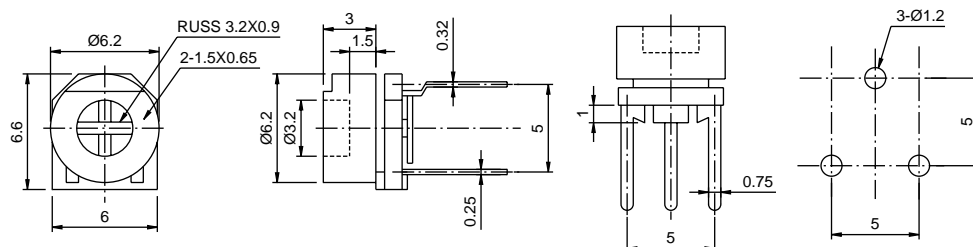
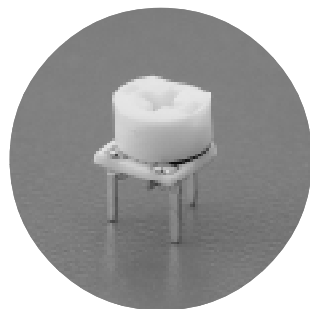




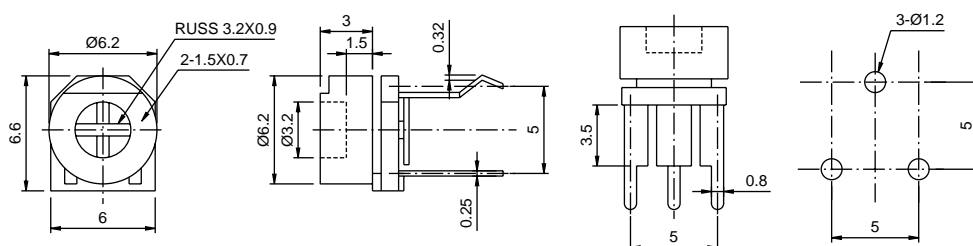
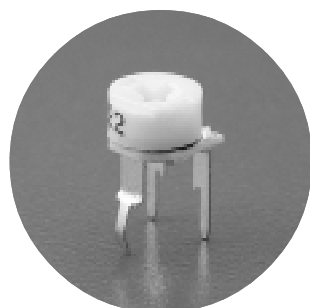
# Ceramic Base Metal

## *Film Semifixed Variable Resistors*

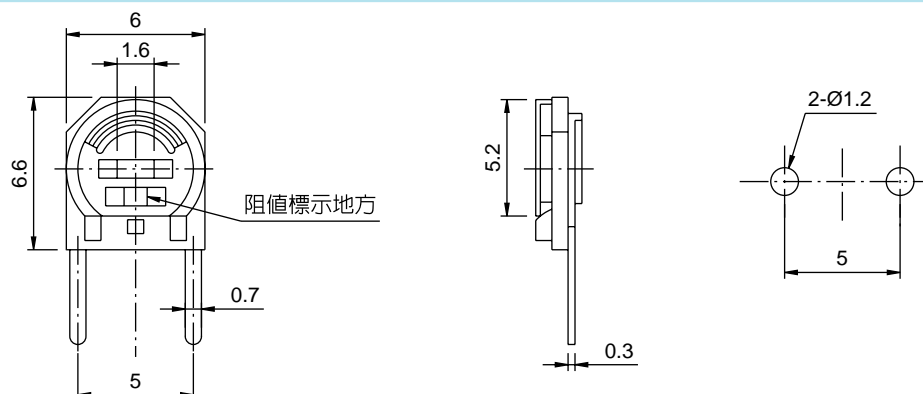
### TG 655MCS



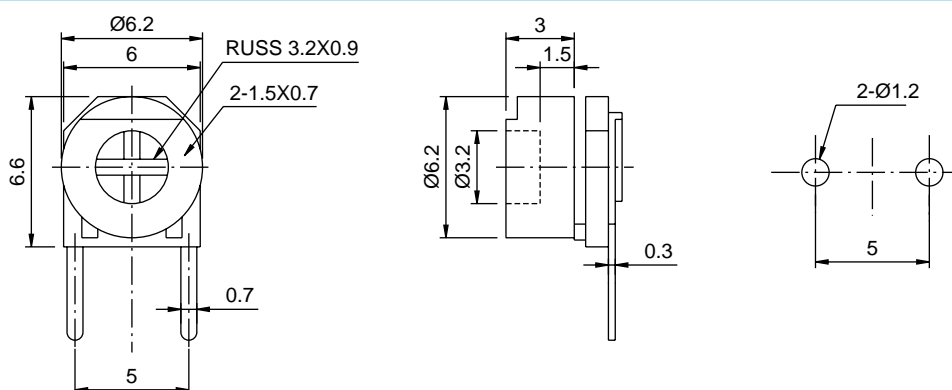
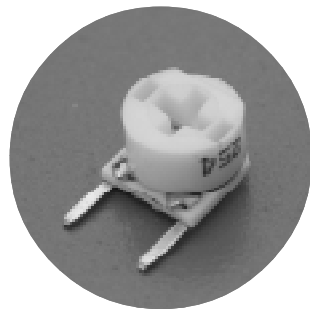
### TG 655MCL



### TG 65M

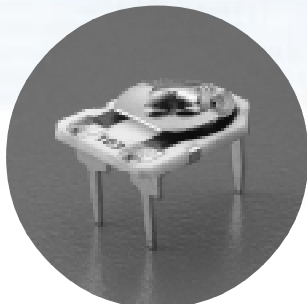


### TG 65MC



# Ceramic Base Metal

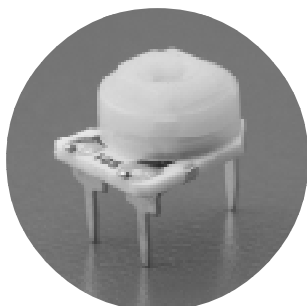
## Film Semifixed Variable Resistors



### TG: 8Ø Ceramic base metal film

#### Feature:

1. High quality. Best reliability.
2. Long operation life.
3. Low temp. coefficient
4. Diameter: 8 mm
5. Dust-proof knob can be attached.
6. Can be cleaning by ultrasonic degreaser with Freon or deionized water.

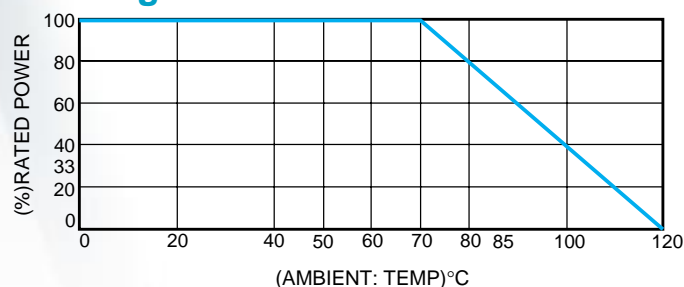


#### Application:

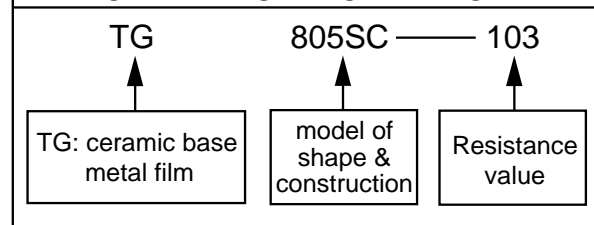
1. Audio & video products: such as TV receivers monitors, VCR. satellite receivers, etc.
2. Telephones, answering equipment, interphones.
3. Switching power supply.
4. Instrument; Industrial equipment.

ITEM		TG
Electrical Characteristics	Resistance Value & Tolerance:	100Ω~1MΩ ±20%
	Taper:	B Curve
	Max Power Rating:	0.5W(at 70°C)
	Max Working Voltage:	250V
	Sliding Noise:	47 mV under
	Residual Resistance:	10Ω @ R≤1KΩ, 1% @ R 1KΩ
Mechanical Characeristics	Outline & Drawing:	as drawings
	Rotation Angle:	260±20 degree
	Rotation Torque:	30-300 gf-cm
	Stopper Strenght:	1.0K gf-cm
Reliability Specification	Operation life:	30 cycle Resistance Value±10% 100 cycle Resistance Value±10%
	Temperature Characteristics:	3% @ 70°C 5HR
	Temperature Coefficient:	±150 ppm/°C
	Humidity Characteristic:	±5% @ 40°C 90-95% RH without load ±7%
	Resistance to Soldering Heat:	Pass 350°C 3 sec. or 260°C 10 sec. @ without any poor contact
	Working Temperature:	-40°C~125°C
	Terminal Strength:	>300gf-cm
	Temperature Cycle	±5% @ without load: 25°C~-40°C, 25°C~125°C ±7%

### Derating Curve:



### ORDERING INFORMATION

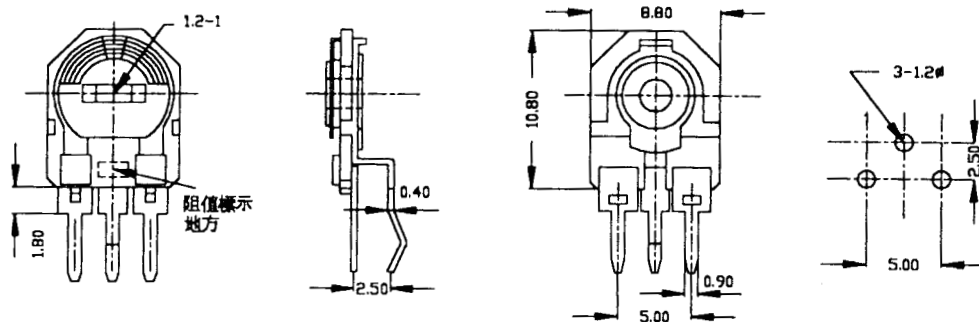
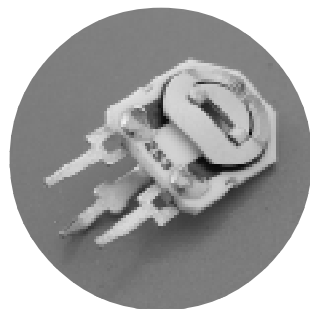




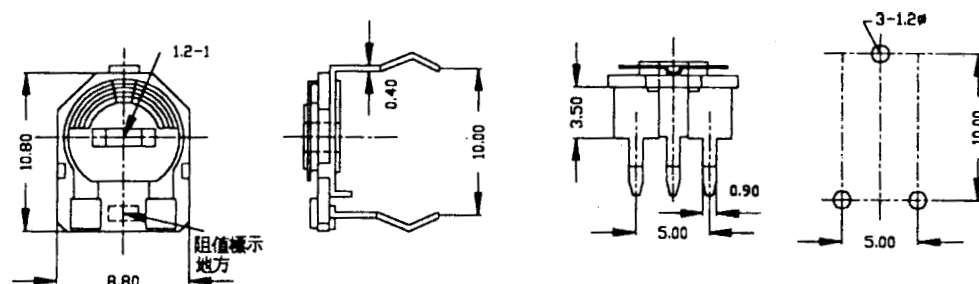
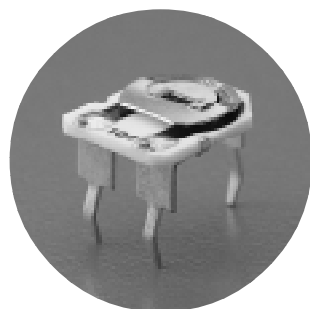
# Ceramic Base Metal

## *Film Semifixed Variable Resistors*

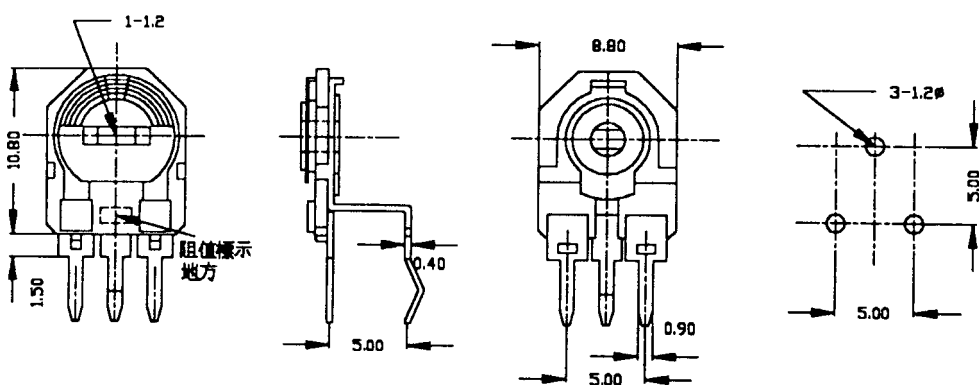
**TG 825M**



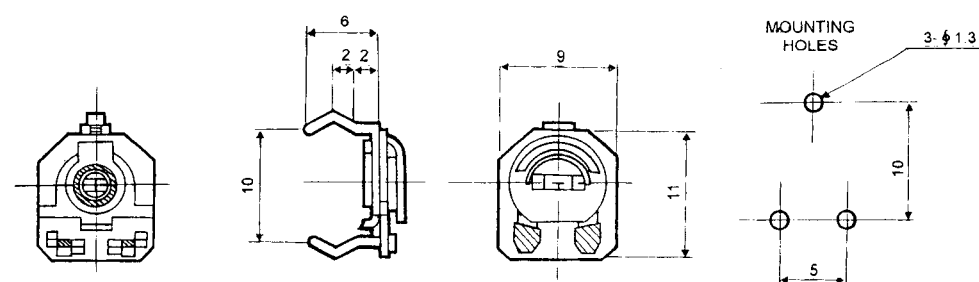
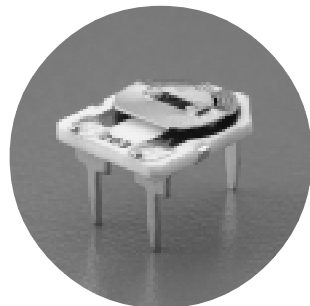
**TG 805M**



**TG 855M**



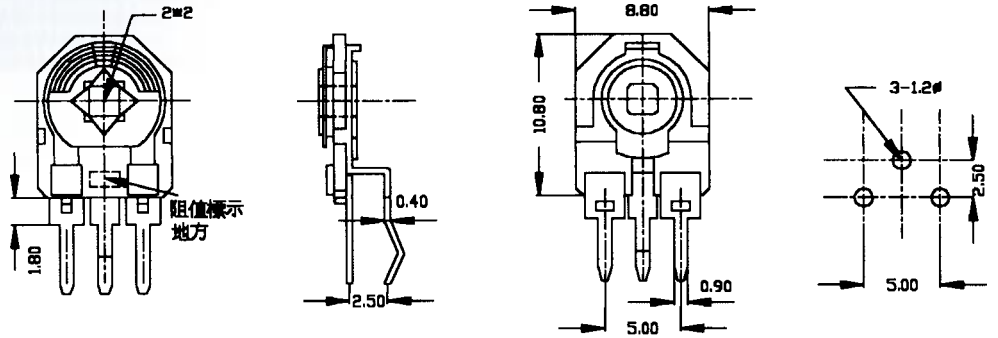
**TG 805MS**



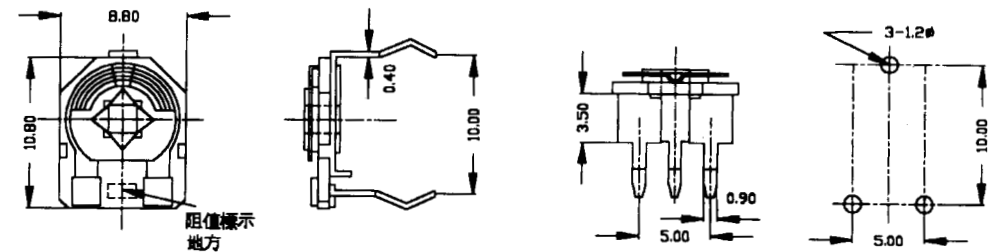
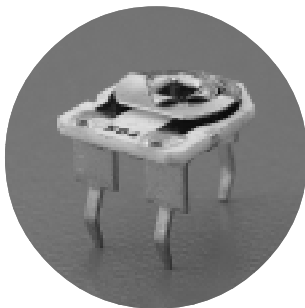


## Film Semifixed Variable Resistors

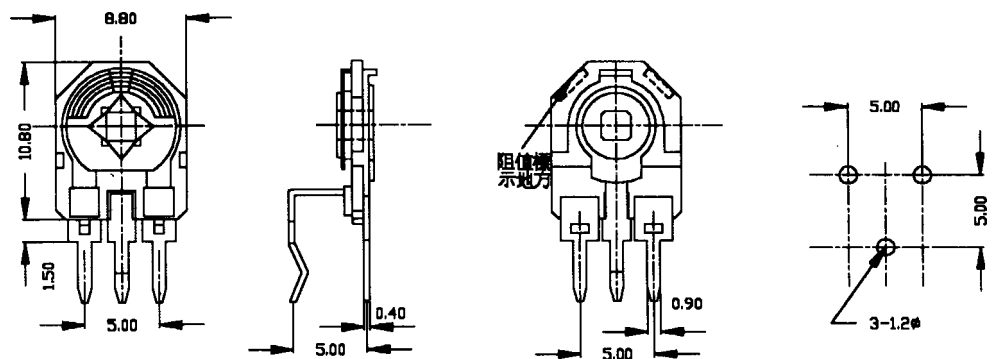
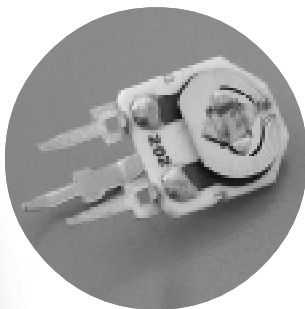
## TG 825S



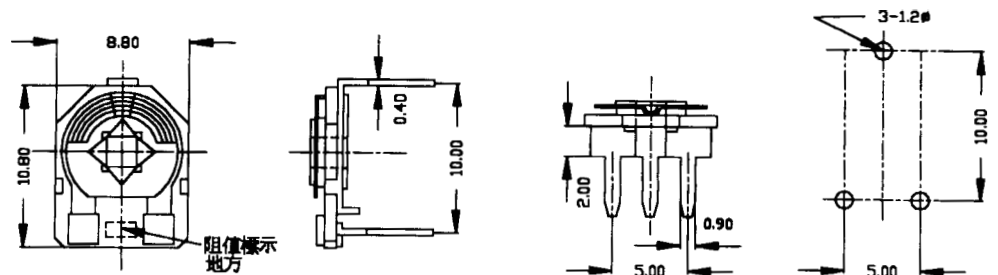
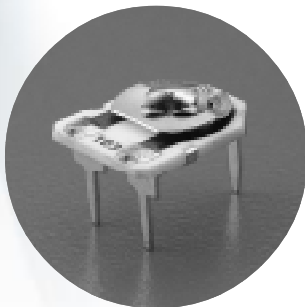
## TG 805S



# TG 855SR



## TG 805SS



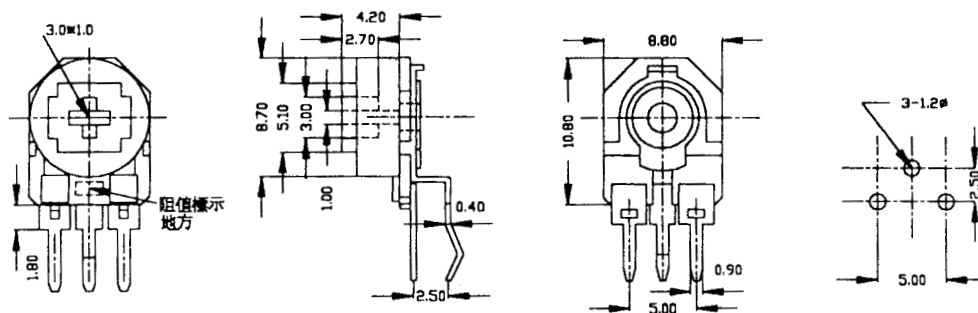
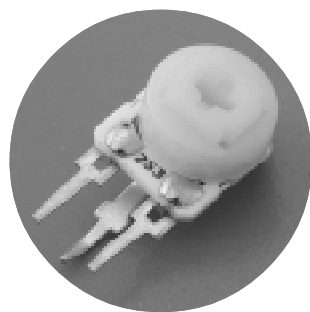




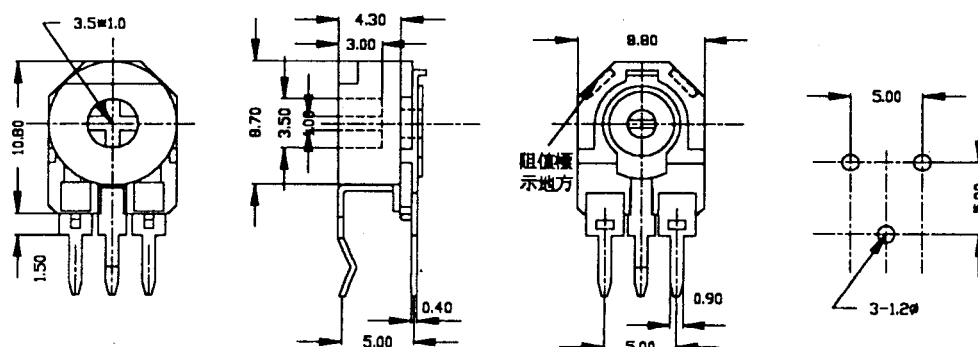
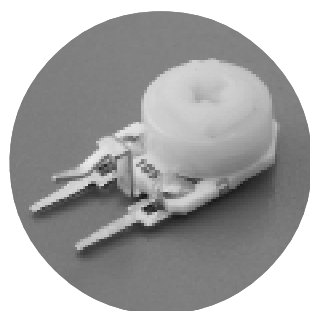
# Ceramic Base Metal

## Film Semifixed Variable Resistors

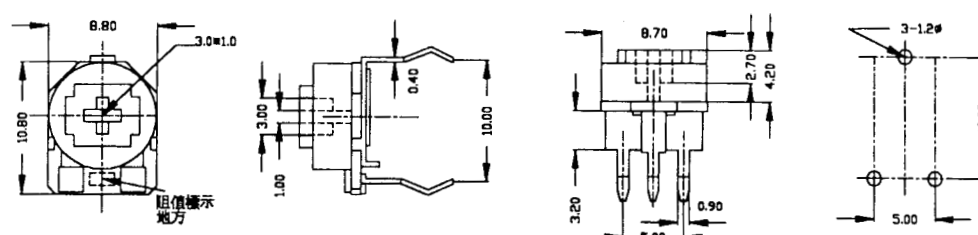
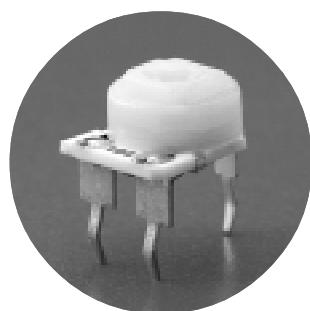
**TG 825MC**



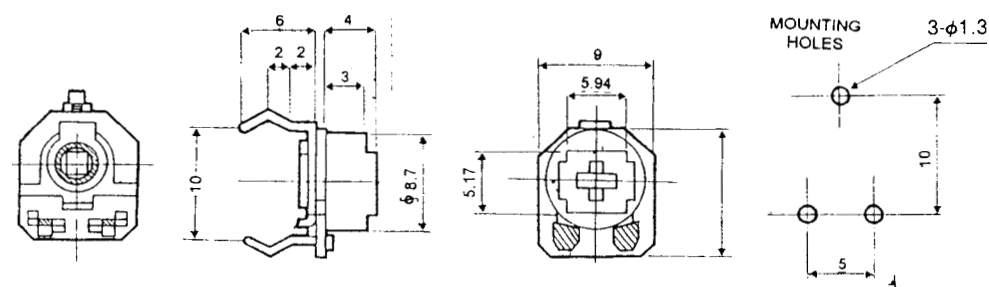
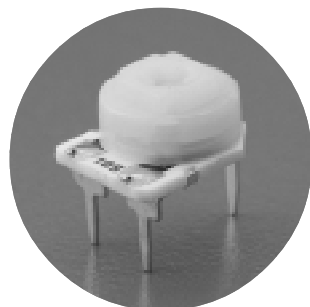
**TG 855MC**



**TG 805MC**



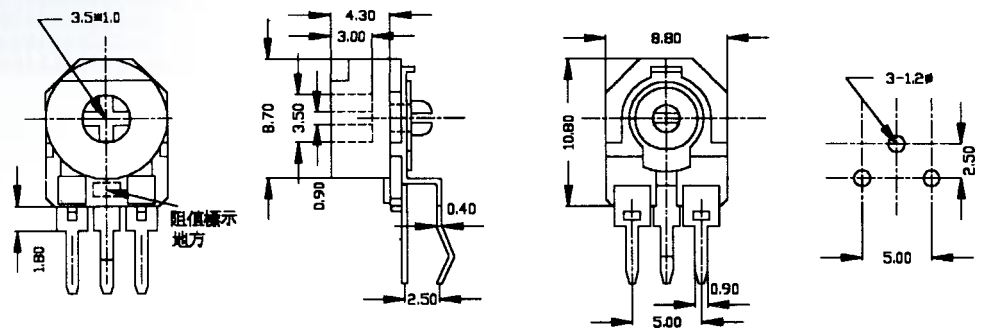
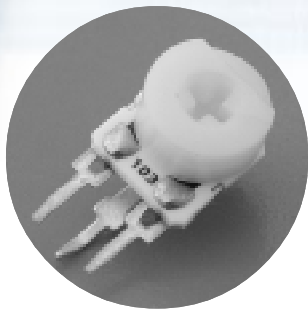
**TG 805MCS**



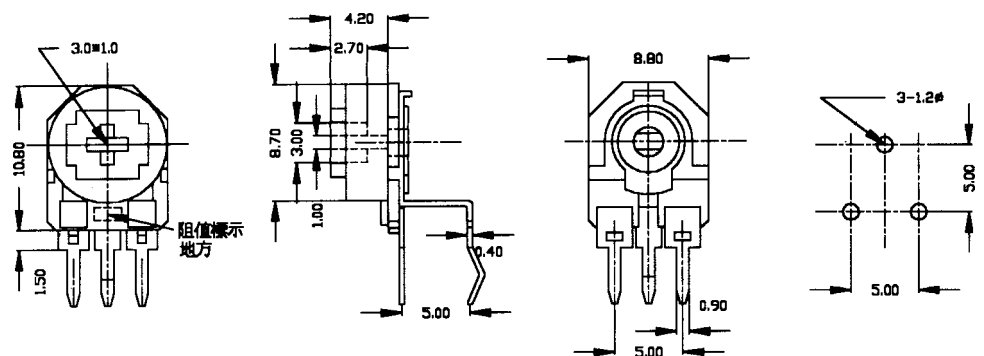
# Ceramic Base Metal

## Film Semifixed Variable Resistors

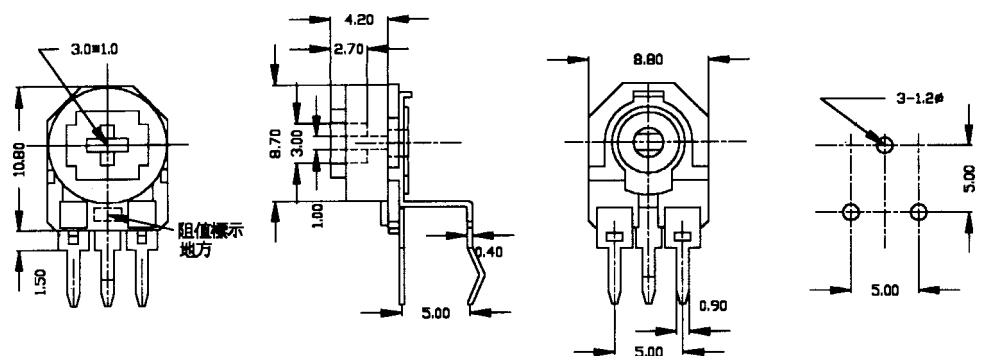
**TG 825SC**



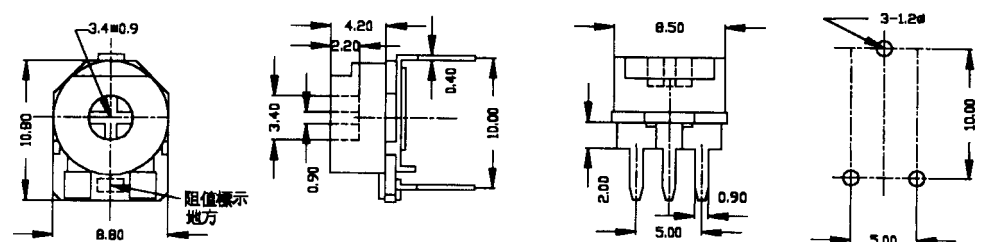
**TG 855SC**



**TG 805SC**



**TG 805SCS**

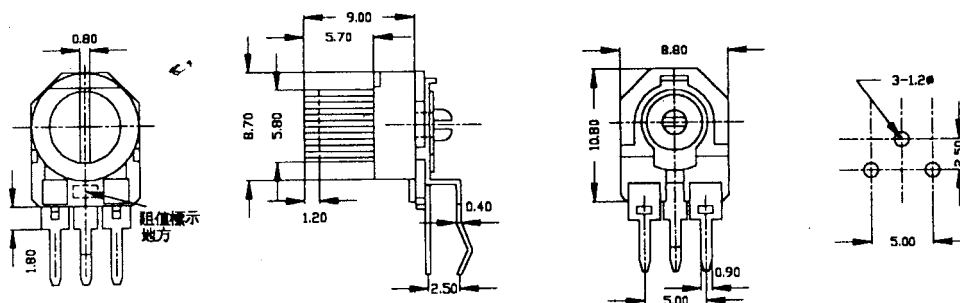
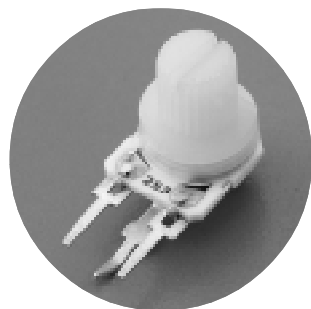




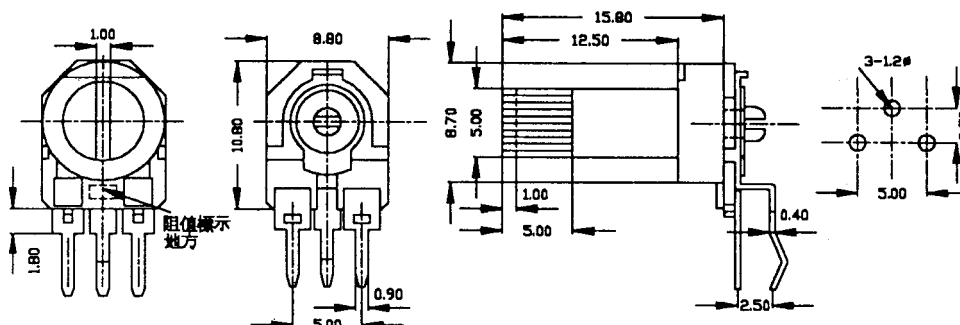
# Ceramic Base Metal

## *Film Semifixed Variable Resistors*

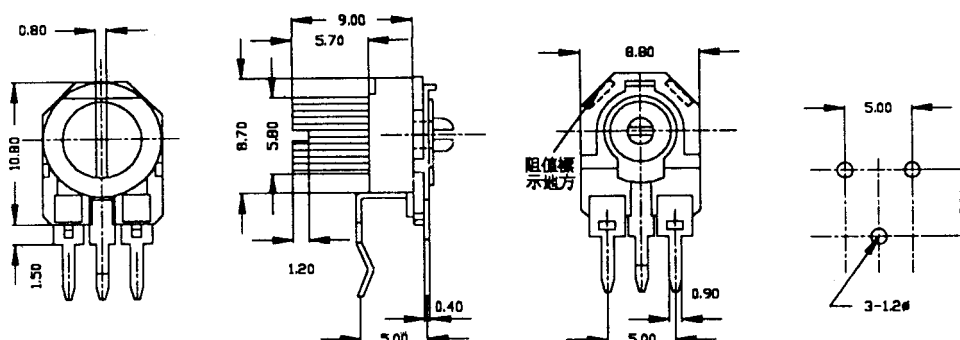
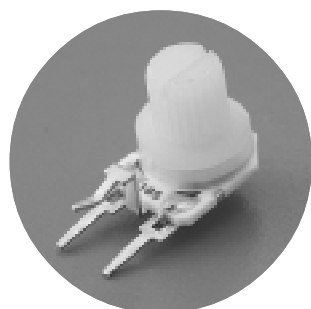
**TG 825SH**



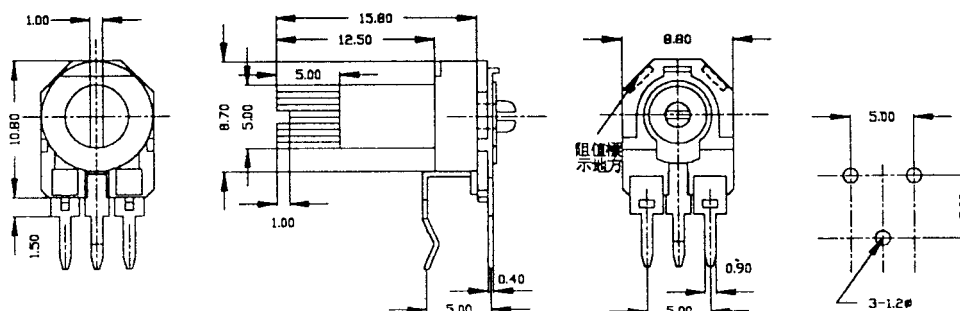
**TG 825SX**



**TG 855SH**



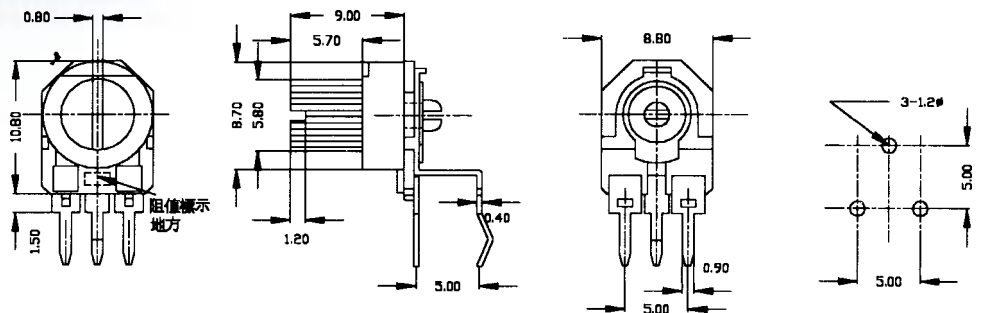
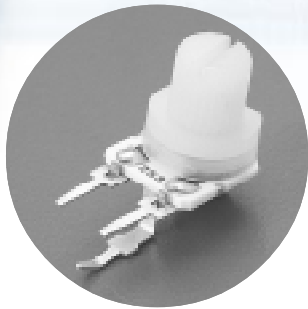
**TG 855SX**



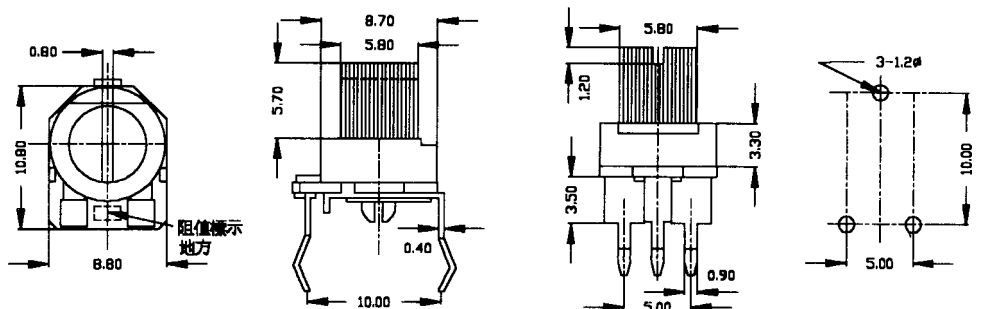
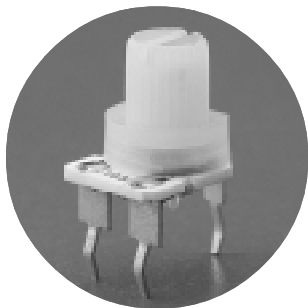
# Ceramic Base Metal

## Film Semifixed Variable Resistors

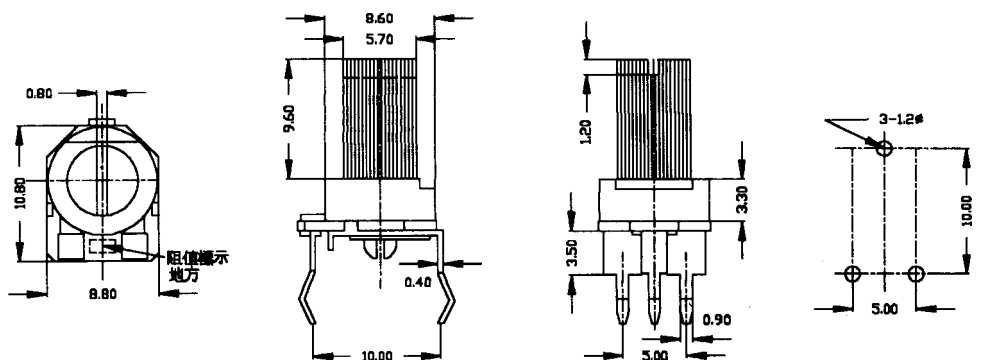
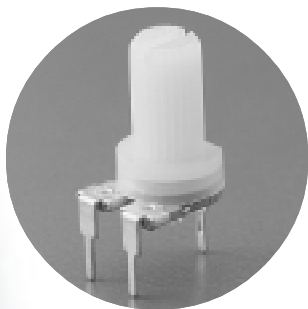
1000000  
TG 855SHR



TG 805SH



TG 805SP



TG 805SX

