

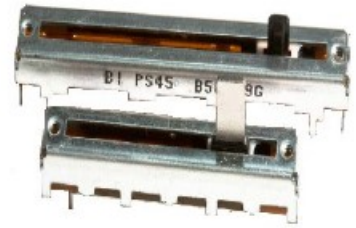
# Slide Potentiometer

## Model PSxx



### Features:

- 100,000 cycle life
- Metal/plastic lever
- RoHS Compliant



## Model Styles Available

Single Gang	PSxx-1
Dual Gang	PSxx-2

## Electrical<sup>1</sup>

Resistance Range, Ohms	1K — 1M
Standard Resistance Tolerance	± 20%
Resistance Tapers	A, B, C
Residual Resistance	Terminals 1 to 2: less than 10 ohms Terminals 2 to 3: less than 30 ohms
Input Voltage, Maximum	Linear B taper: 200 Vac    Other tapers: 150 Vac
Power Rating, Watts (Single Unit / Dual Unit)	<b>Linear B taper:</b> 20mm: 0.1W / 0.05W, 30mm : 0.2W / 0.1W 45mm: 0.25W / 0.125W, 60mm : 0.2W / 0.2W  <b>Other tapers:</b> 20mm: 0.05W / 0.025W, 30mm : 0.1W / 0.05W 45mm: 0.125W / 0.06W, 60mm : 0.1W / 0.1W
Dielectric Strength	300 Vac, 1 minute
Insulation Resistance, Minimum	100M ohms at 250Vdc / 1 minute
Sliding Noise	Less than 100mV
Gang Error	±3dB (-40dB to 0dB)

### Notes:

<sup>1</sup> Specifications subject to change without notice

### General Note

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# Slide Potentiometer

## Model PSxx



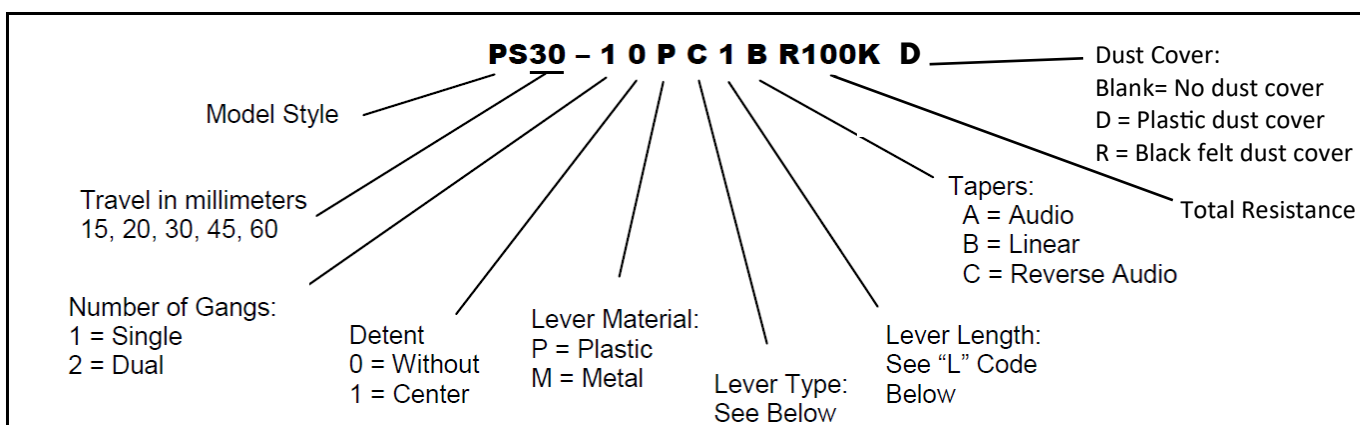
### Mechanical

Static Stop Strength, Minimum	5.0 Kg/cm
Operating Force	10gf to 100gf
Detent Slip-out force	30gf to 200gf

### Durability

Sliding Life	100,000 cycles
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### Ordering Information<sup>2</sup>



### Standard Resistance Values, Ohms

1K	2K	5K	10K	20K	50K	100K	200K	500K	1 MEG
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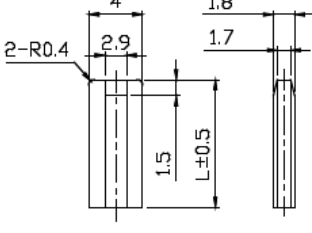
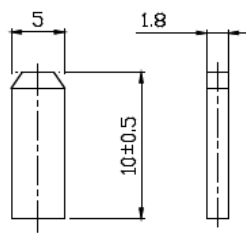
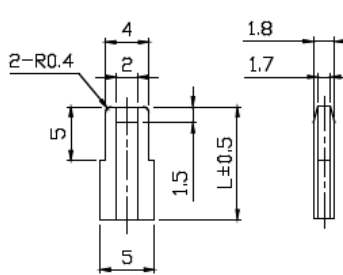
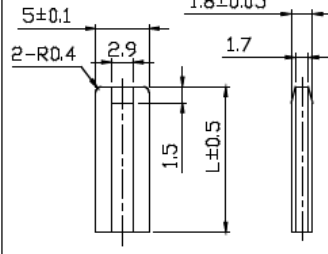
#### Notes:

<sup>2</sup> Contact our customer service for custom designs and features

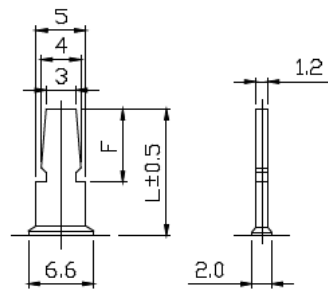
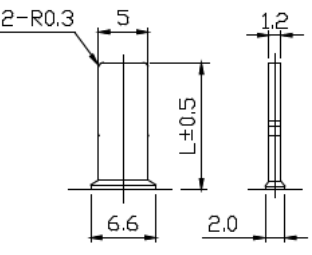
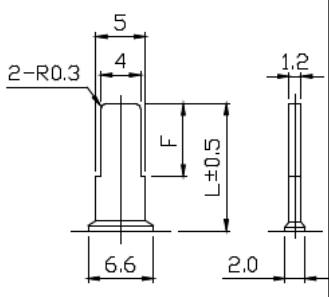
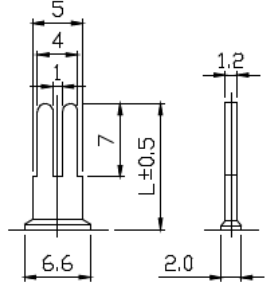
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### Plastic Lever Types

D-Type		B -Type		C -Type			A -Type				
											
L	5	L	10	L	10	15	20	L	5	8	10
CODE	1	CODE	1	CODE	1	3	5	CODE	1	2	3

### Metal Lever Types

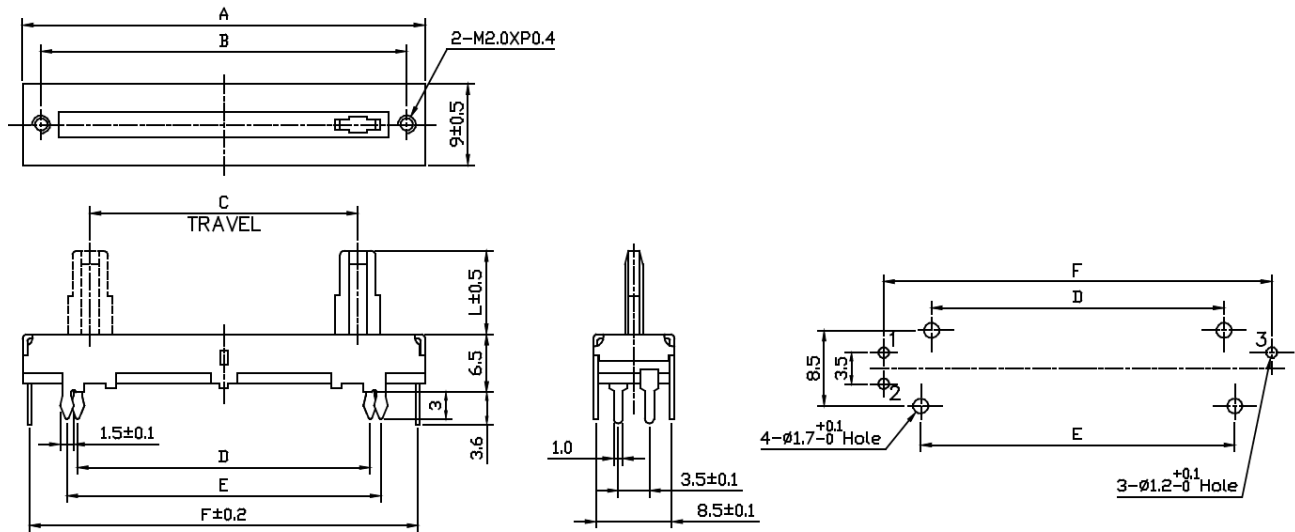
D-Type		B -Type		C -Type					A -Type		
											
L	15	L	10	L	10	15	17.3	20	25	L	10.4
F	10			F	7	10	10	10	10		
CODE	1	CODE	3	CODE	1	2	3	4	5	CODE	1

#### General Note

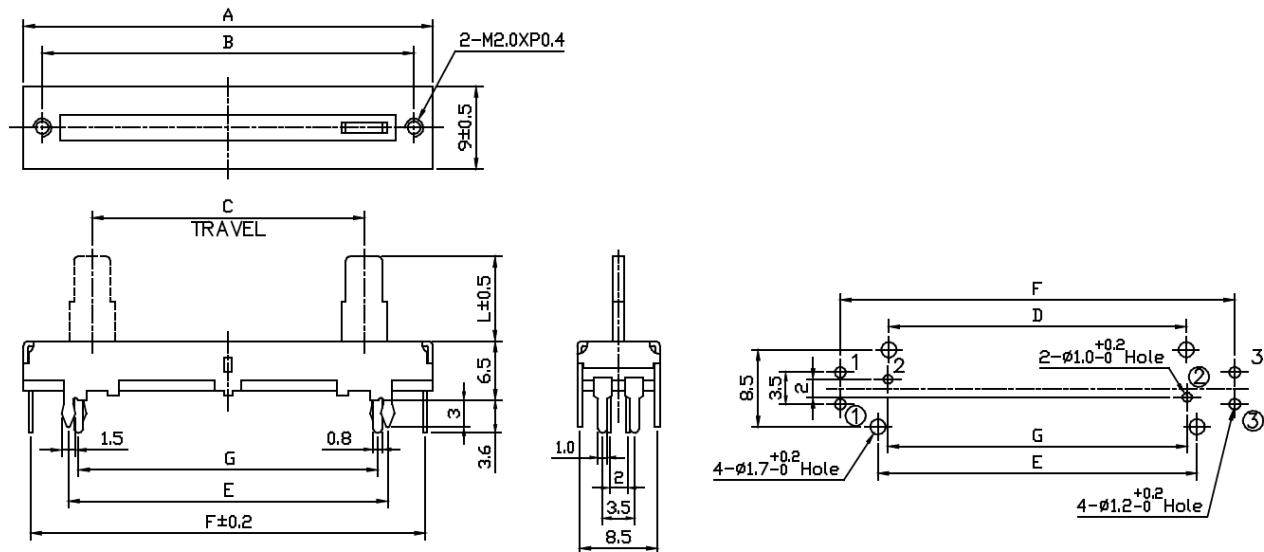
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### Outline drawing

#### PSxx-1 Single Gang



#### PSxx-2 Dual Gang



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# Slide Potentiometer

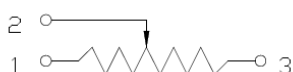
## Model PSxx



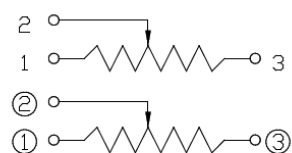
MODEL	A	B	C	D	E	F	G
PS15-1	30	26	15	17.8	20.2	28.8	--
PS15-2	30	26	15	17.8	20.2	28.8	18
PS20-1	35	31	20	22.8	25.2	33.8	--
PS20-2	35	31	20	22.8	25.2	33.8	23
PS30-1	45	41	30	32.8	35.2	43.8	--
PS30-2	45	41	30	32.8	35.2	43.8	33
PS45-1	60	56	45	47.8	50.2	58.8	--
PS45-2	60	56	45	47.8	50.2	58.8	48
PS60-1	75	71	60	62.8	65.2	73.8	--
PS60-2	75	71	60	62.8	65.2	73.8	63

## Circuit Diagram

### PSxx-1 Single Gang



### PSxx-2 Dual Gang



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# Mouser Electronics

Authorized Distributor

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