

# Slide Potentiometer

Model PSxxM / PSxxL



## Features:

- Molded element
- 100,000 cycle life
- Metal or plastic shaft options
- With/without LED illumination
- With/without dust cover
- RoHS compliant

## Model Styles Available

Dual Gang Without LED	PSxxM
Single Gang With LED	PSxxL

## Electrical

Resistance Range, Ohms	500 -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	300Vac, 1 minute
Insulation Resistance, Minimum	10M ohms at 250Vdc/ 1 minute
Sliding Noise	Less than 100mV
Gang Error	±3dB (-40dB to 0dB)

## 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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### General Note

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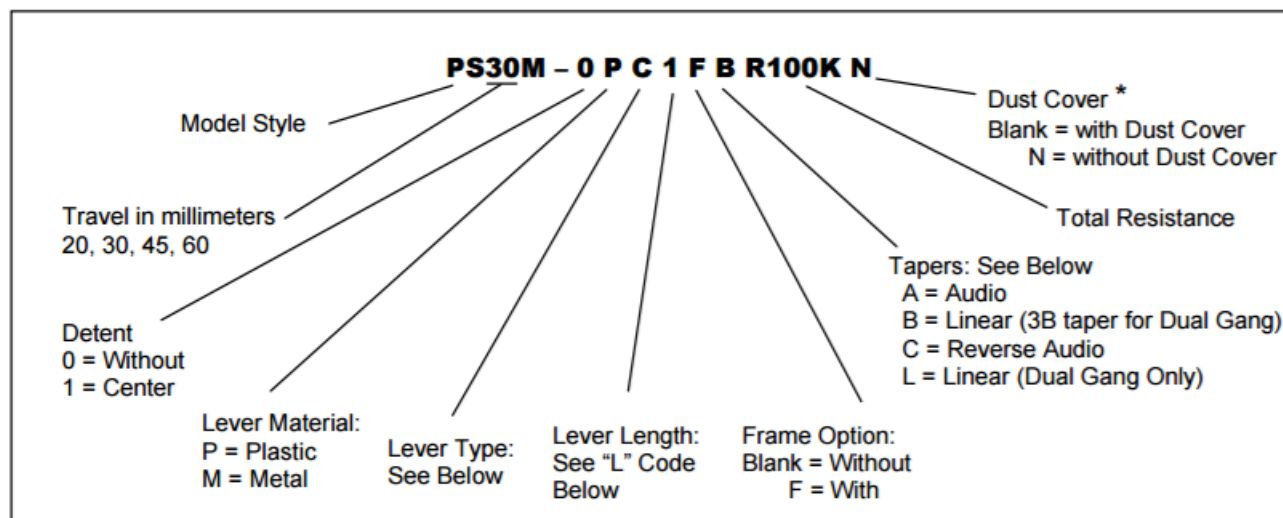
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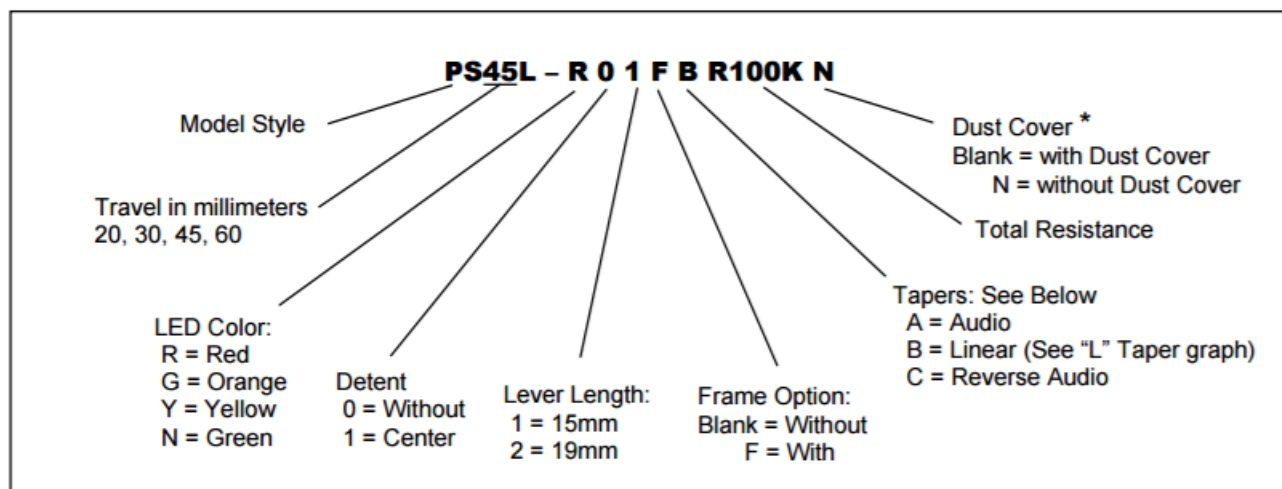


## Ordering

### Model PSxxM (Without LED)



### Model PSxxL (With LED)



## Standard Resistance Values, ohms

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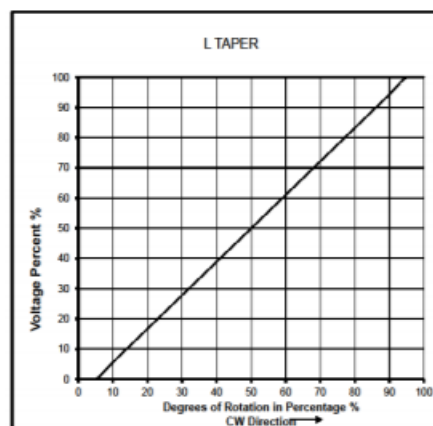
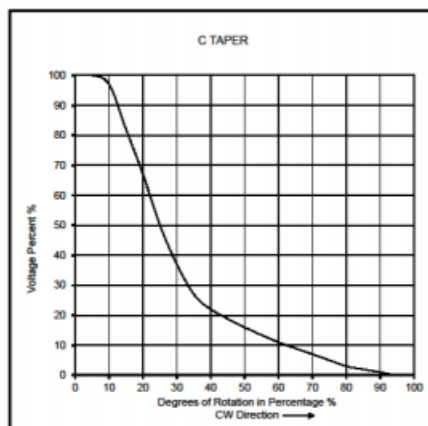
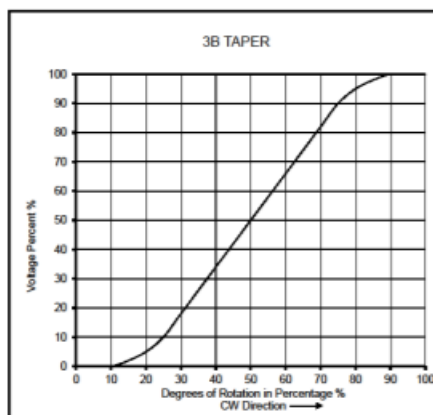
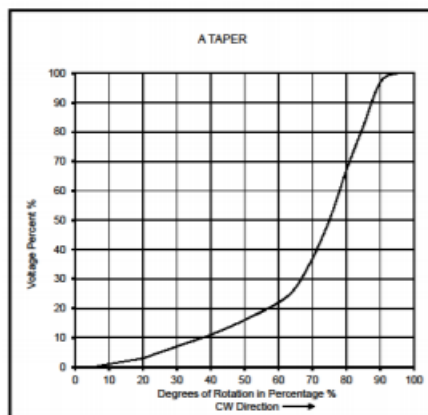
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## Tapers

**For Dual Gang units ONLY, the Standard Taper is a 3B taper**  
**If Linear Taper is desired, use "L" taper option**

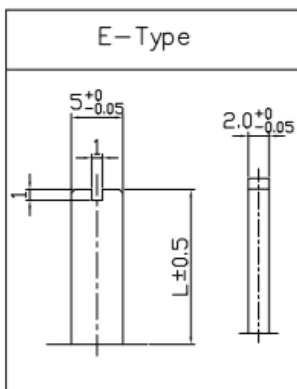
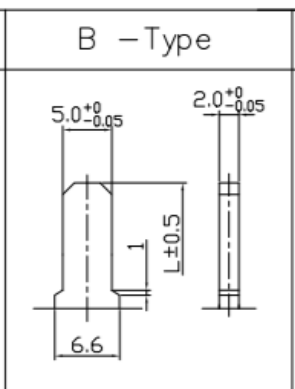
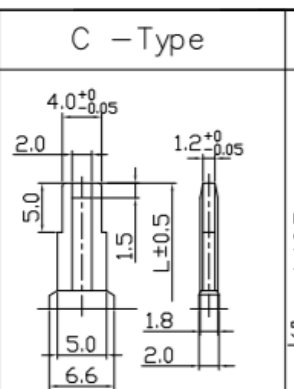
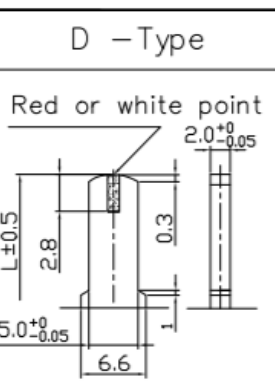


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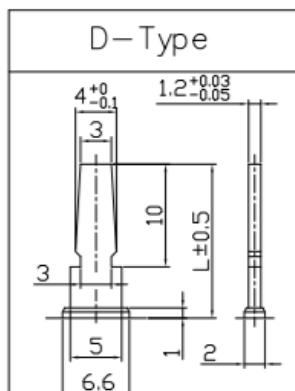
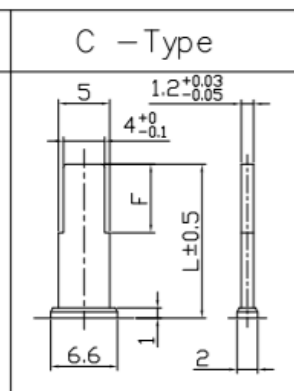
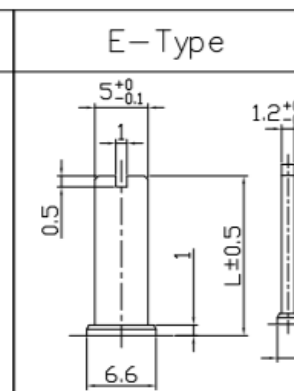
### Outline Drawings

#### Plastic Lever Types (For PSxxM Only)

E-Type		B-Type		C-Type		D-Type	
							
L	5.0	L	15	L	10 15	L	10 15 20
CODE	1	CODE	1	CODE	1 2	CODE	1 2 3

Dust Cover option not offered for levers less than 10 mm in length

#### Metal Lever Types (For PSxxM Only)

D-Type		C-Type		E-Type	
					
L	15 20 25	F	5 10 10 10	L	7.6
CODE	1 2 3	CODE	1 2 3 4	CODE	1

\* Dust Cover option not offered for levers less than 10 mm in length

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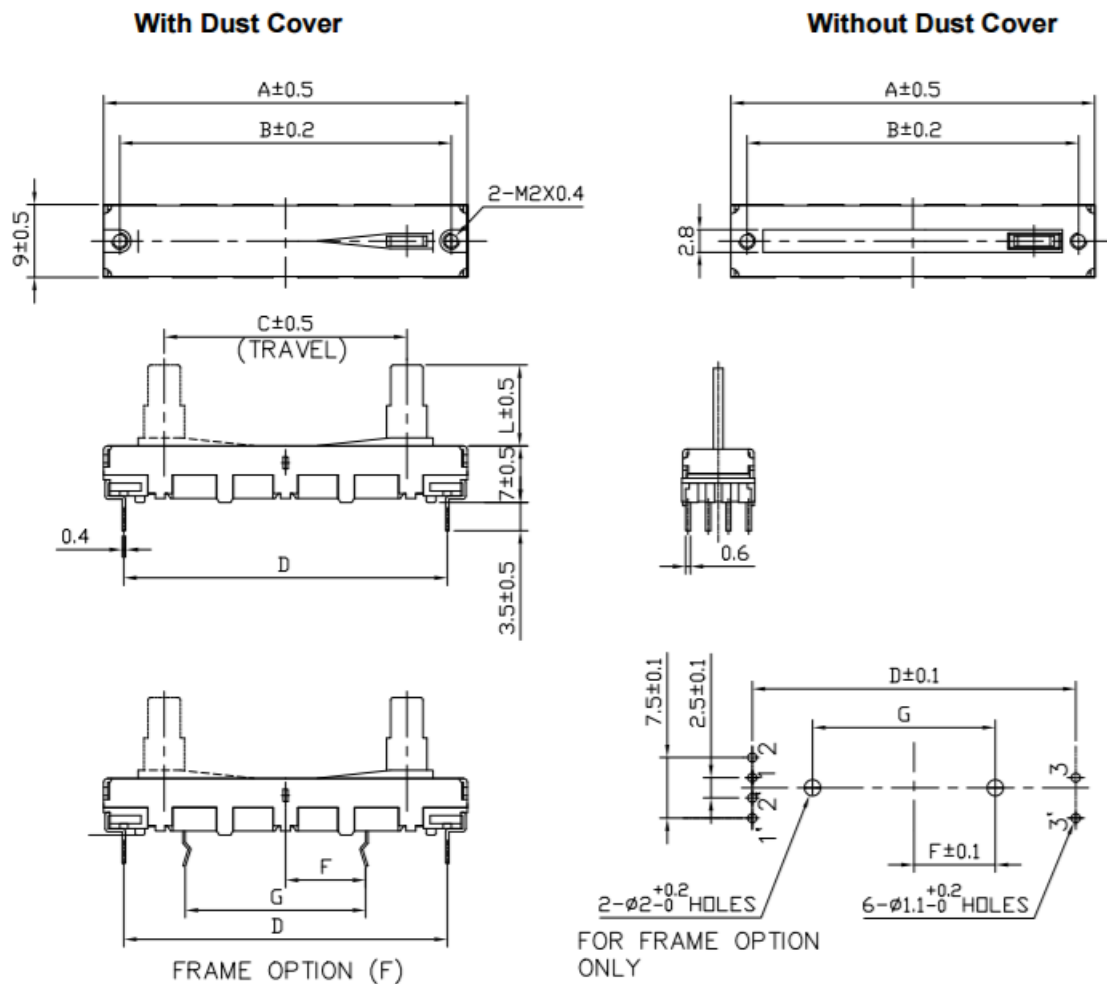
# Slide Potentiometer

Model PSxxM / PSxxL



## Outline Drawings

### Model PSxxM (Without LED)



### For PSxxM and PSxxL

MODEL		A	B	C	D	F	G
PS20M	PS20L	35	31	20	30	5	12.5
PS30M	PS30L	45	41	30	40	10	22.5
PS45M	PS45L	60	56	45	55	15	32.5
PS60M	PS60L	75	71	60	70	22.5	47.5

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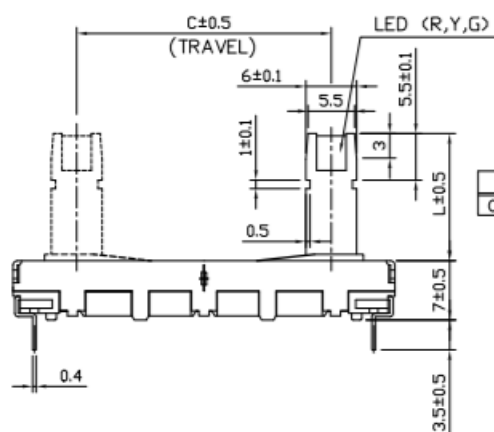
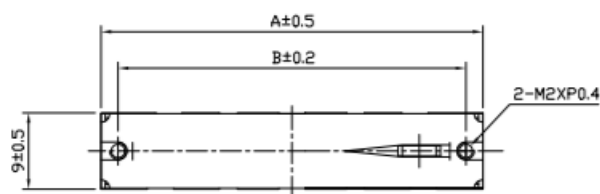
Model PSxxM / PSxxL



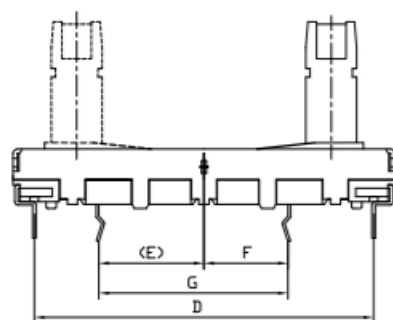
## Outline Drawings

### Model PSxxL (With LED)

#### With Dust Cover

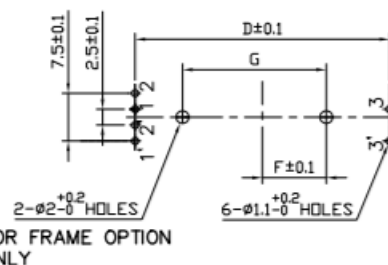
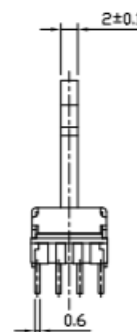
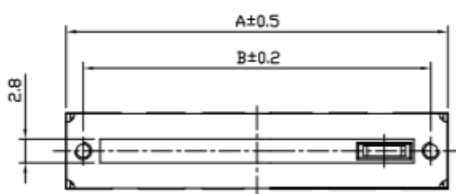


L	15	19
CODE	1	2

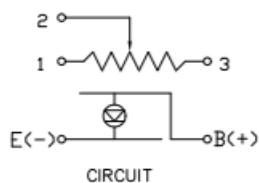


FRAME OPTION (F)

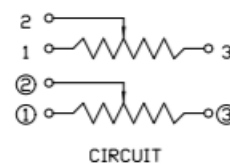
#### Without Dust Cover



### PSxxL (Single gang with LED)



### PSxxM (Dual gang)



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