

Model PSxxM/PSxxL
Slide Potentiometer
Molded Element
100,000 Cycle Life
Metal or Plastic Shaft Options
With/Without LED Illumination
With/Without Dust Cover
RoHS Compliant



MODEL STYLE

Dual Gang Without LED	PSxxM
Single Gang With LED	PSxxL

ELECTRICAL¹

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)	Linear B taper: 20mm: 0.1W / 0.05W, 30mm: 0.2W / 0.1W 45mm: 0.25W / 0.125W, 60mm: 0.2W / 0.2W Other tapers: 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

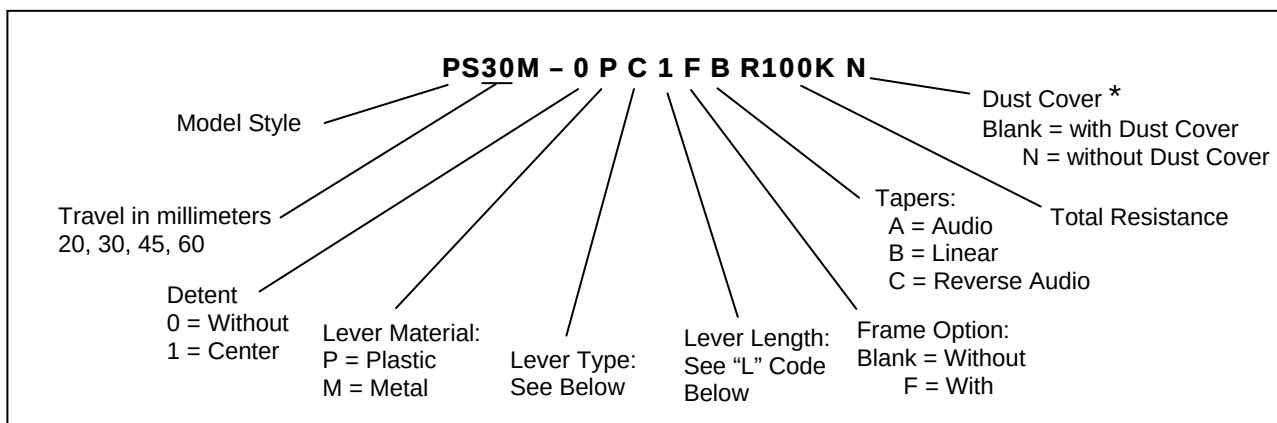
Sliding Life	100,000 cycles
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¹ Specifications subject to change without notice.

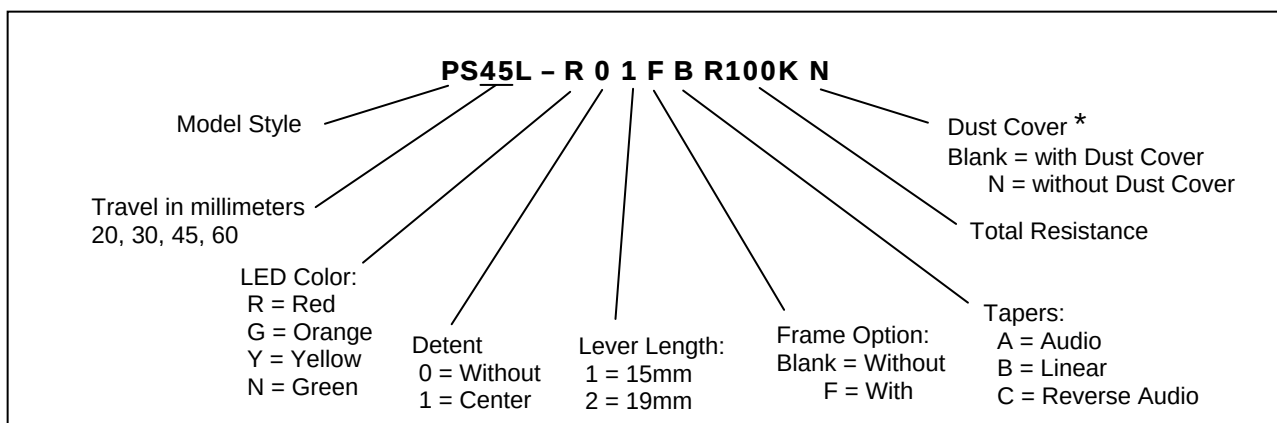
Model PSxxM/PSxxL

ORDERING INFORMATION²

Model PSxxM (Without LED)



Model PSxxL (With LED)



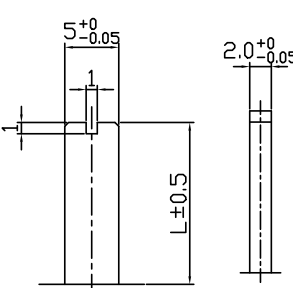
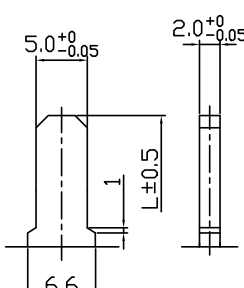
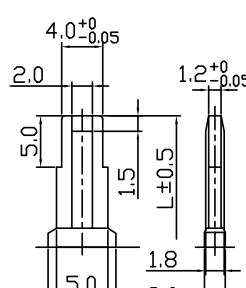
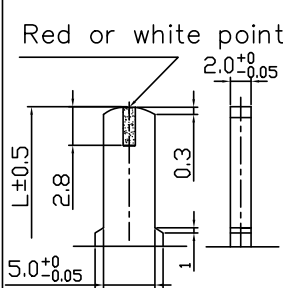
STANDARD RESISTANCE VALUES, OHMS

500	1K	2K	5K	10K	20K	50K	100K	200K	500K	1 MEG
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² Contact our customer service for custom designs and features.

Model PSxxM/PSxxL

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

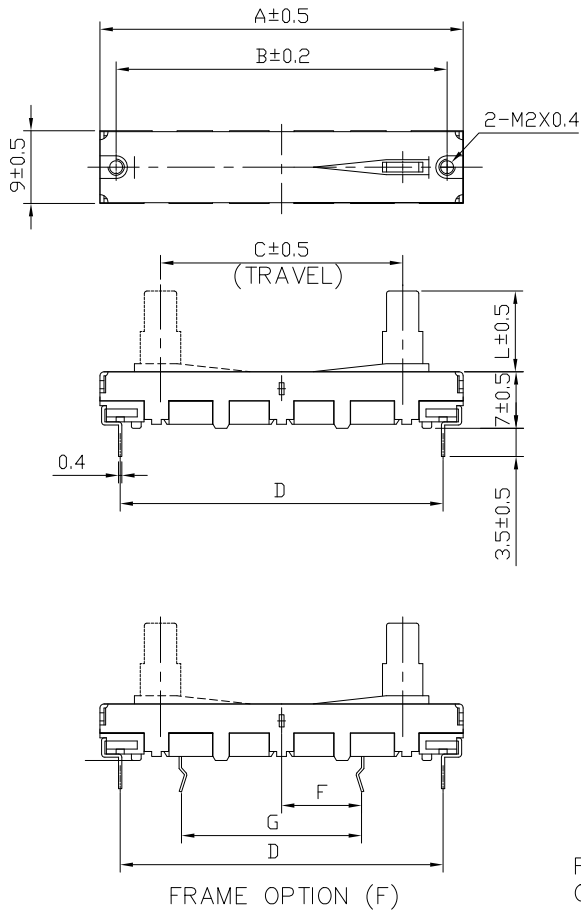
* Dust Cover option not offered for levers less than 10 mm in length

Model PSxxM/PSxxL

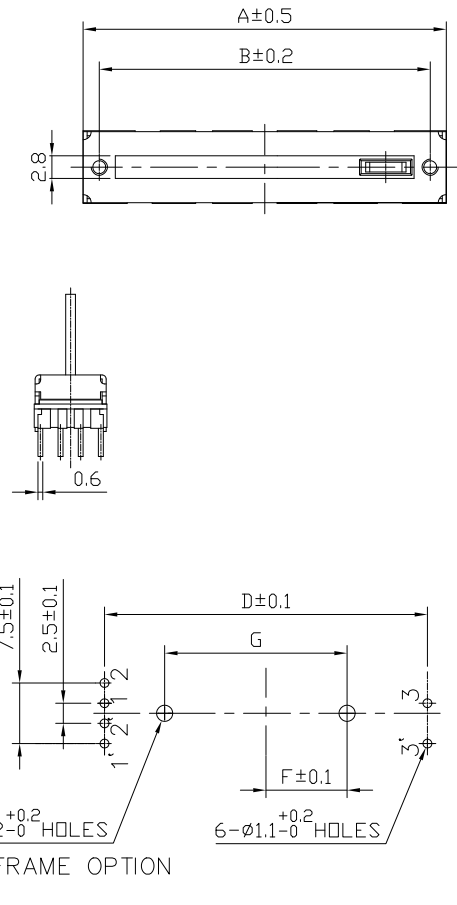
OUTLINE DRAWING

Model PSxxM (Without LED)

With Dust Cover



Without Dust Cover



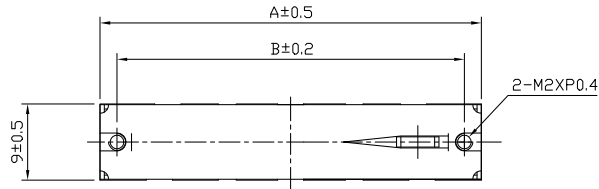
For PSxxM and PSxxL

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

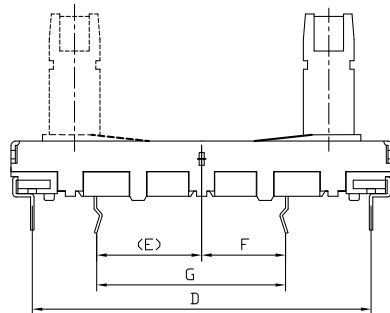
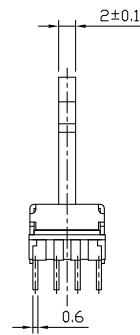
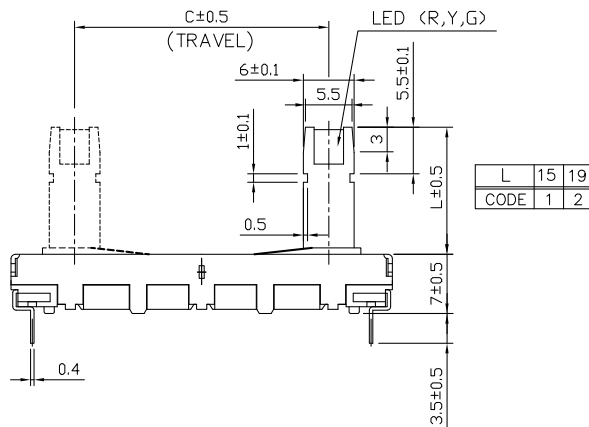
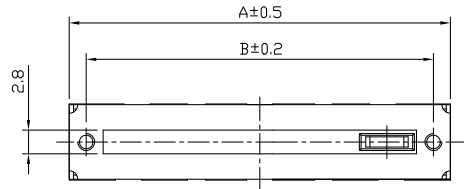
Model PSxxM/PSxxL

Model PSxxL (With LED)

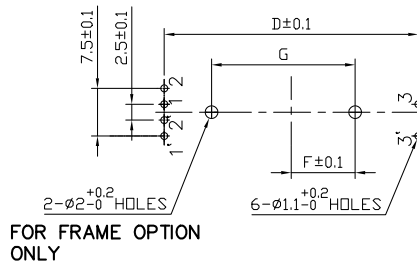
With Dust Cover



Without Dust Cover

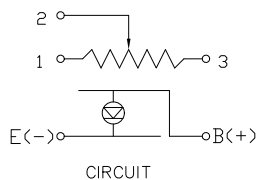


FRAME OPTION (F)



CIRCUIT DIAGRAM

PSxxL (Single gang with LED)



PSxxM (Dual gang)

