Model PSxxM / PSxxL

Electronics

Features:

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



Dual Gang Without LED	PSxxM
Single Gang With LED	PSxxL
Flectrical	

Congression and Congression an	
	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)	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 Kgf/cm
Operating Force	10af to 100af

Model Styles Available

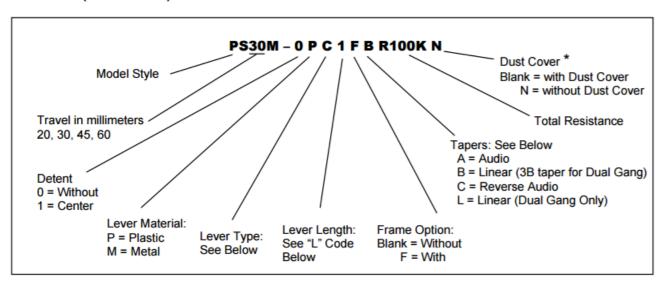
Gang Error	±3dB (-40dB to 0dB)
Mechanica	I
Static Stop Strength, Minimum	5.0 Kgf/cm
Operating Force	10gf to 100gf
Detent Slip-out force	30gf to 200gf
Durability	
Sliding Life	100,000 cycles

Model PSxxM / PSxxL

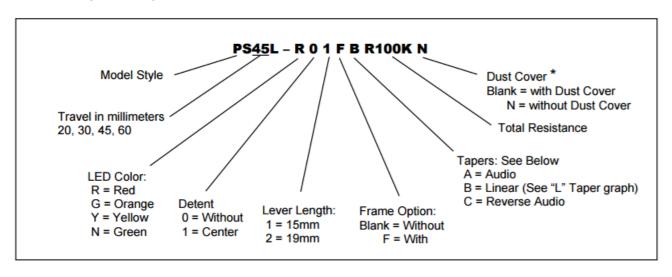


Ordering

Model PSxxM (Without LED)



Model PSxxL (With LED)

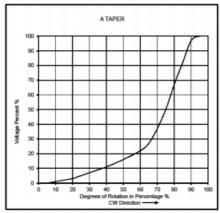


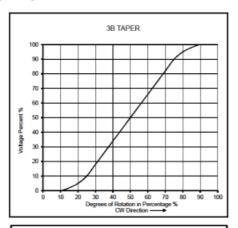
Standard Resistance Values, ohms

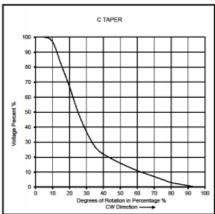
500 1K 2K 5K 10K 20K 50K 100K 200K 500K 1 MEG	500	1K	2K	5K	10K	20K	50K	100K	200K	500K	1 MEG
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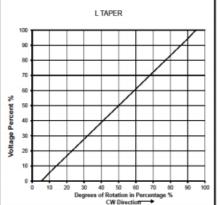


Tapers
For Dual Gang units ONLY, the Standard Taper is a 3B taper
If Linear Taper is desired, use "L" taper option







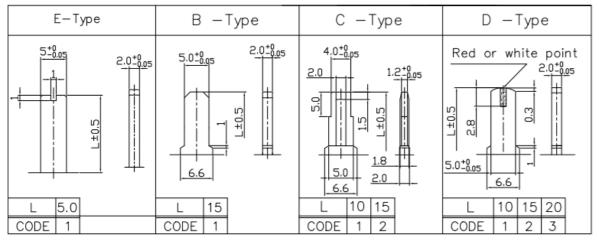


Model PSxxM / PSxxL



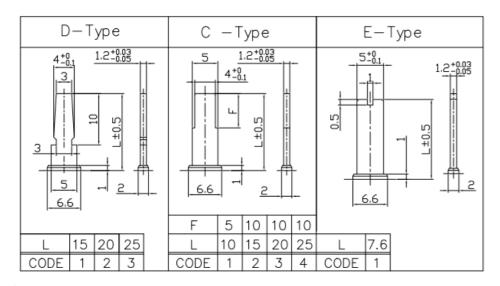
Outline Drawings

Plastic Lever Types (For PSxxM Only)



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

Metal Lever Types (For PSxxM Only)



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

Model PSxxM / PSxxL

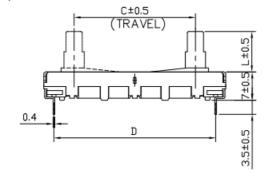


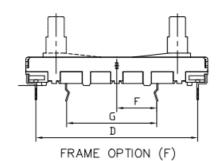
Outline Drawings

Model PSxxM (Without LED)

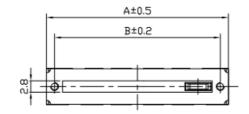
With Dust Cover

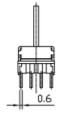
A±0.5 B±0.2 2-M2X0.4

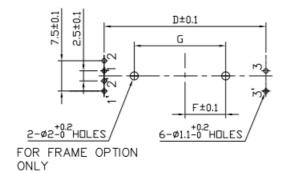




Without Dust Cover







For PSxxM and PSxxL

MODEL		Α	В	С	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

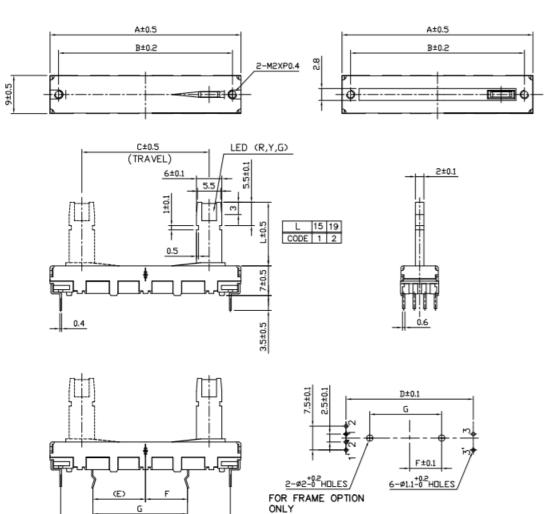


Outline Drawings

Model PSxxL (With LED)

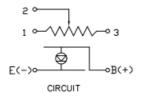
With Dust Cover

Without Dust Cover

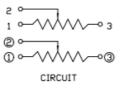


PSxxL (Single gang with LED)

FRAME OPTION (F)



PSxxM (Dual gang)



Mouser Electronics

Authorized Distributor

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PS45M-0MC2BR10K PS45M-0MC2FAR50K PS45M-0MC2BR10KN PS45L-R02BR10KN PS45L-R02BR10K