

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)	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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General Note

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4200 Bonita Place, Fullerton, CA USA 92835 | Ph: +1 714 447 2345
www.ttelectronics.com | sensors@ttelectronics.com

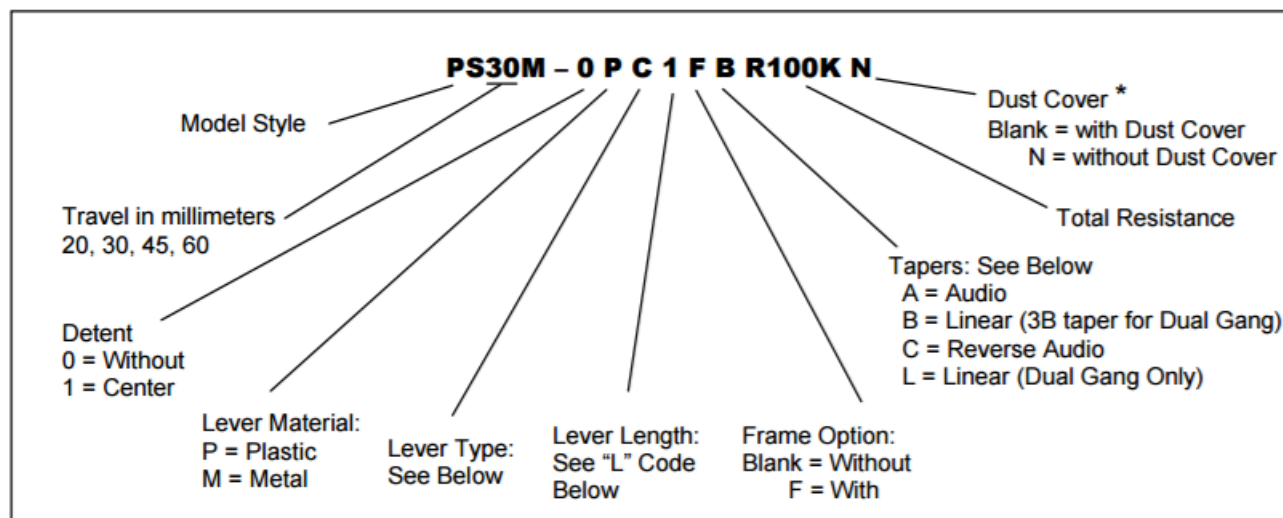
Slide Potentiometer

Model PSxxM / PSxxL

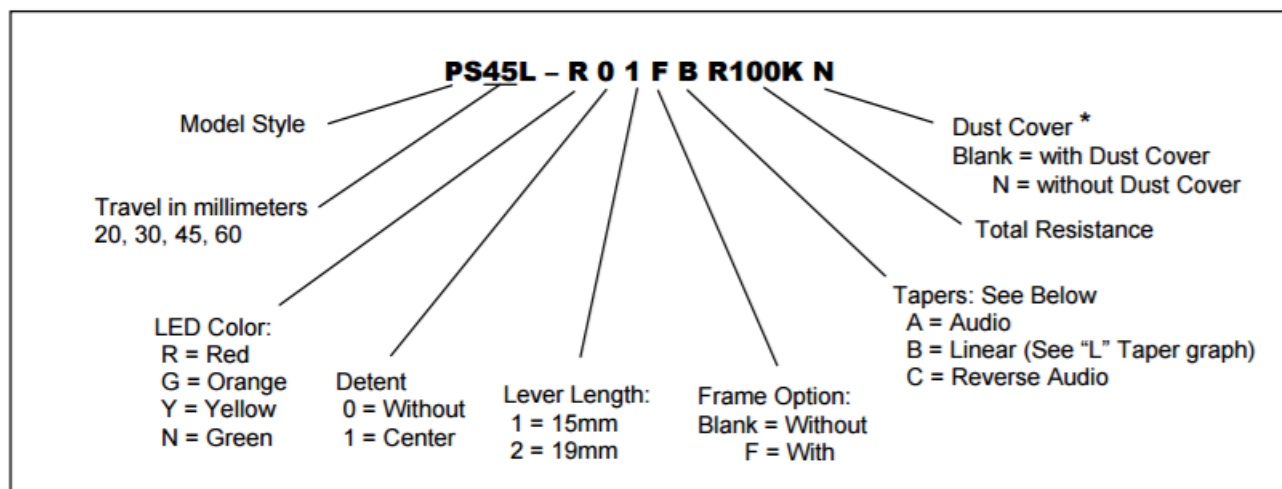


Ordering

Model PSxxM (Without LED)



Model PSxxL (With LED)



Standard Resistance Values, ohms

500	1K	2K	5K	10K	20K	50K	100K	200K	500K	1 MEG
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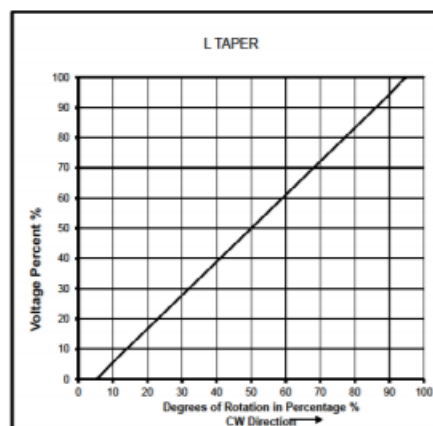
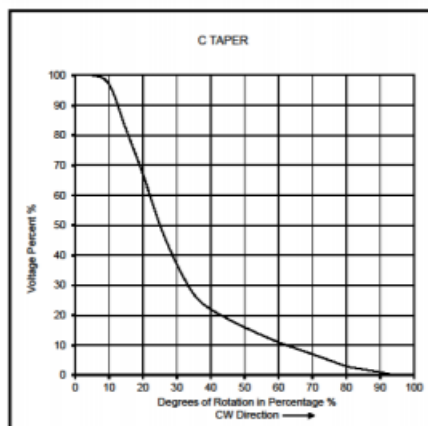
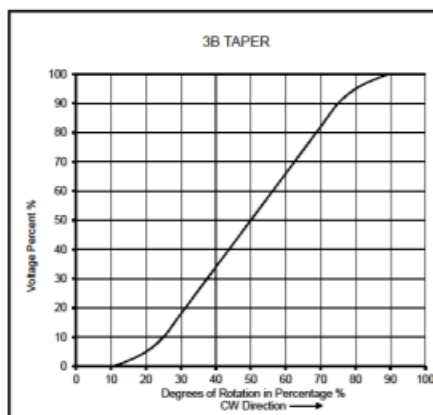
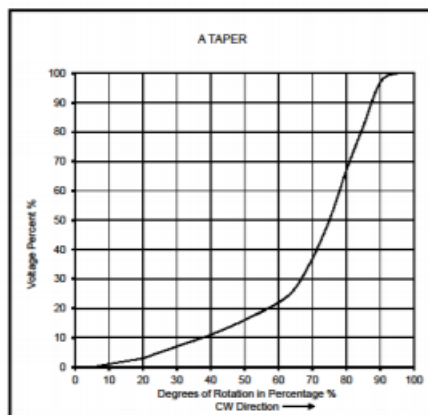
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Model PSxxM / PSxxL



Tapers

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

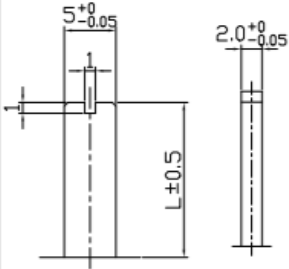
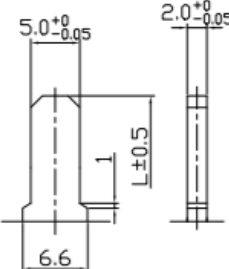
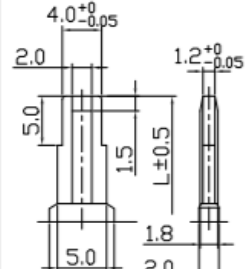
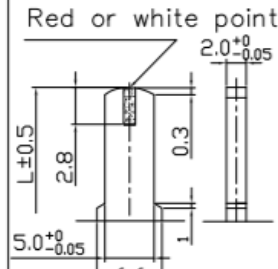


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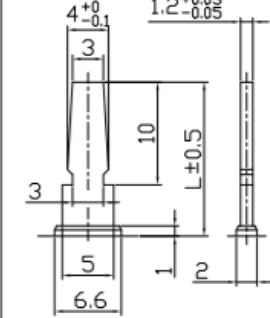
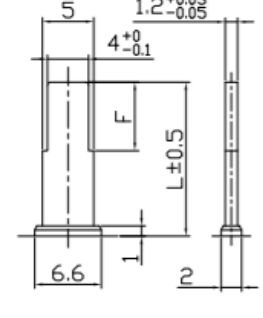
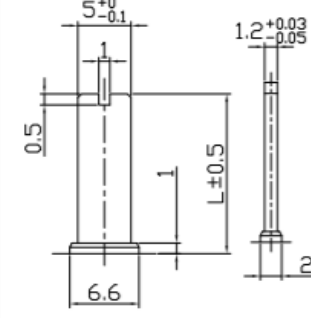
Outline Drawings

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	L	7.6
CODE	1	2	3	CODE	1	2	3	CODE	1

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

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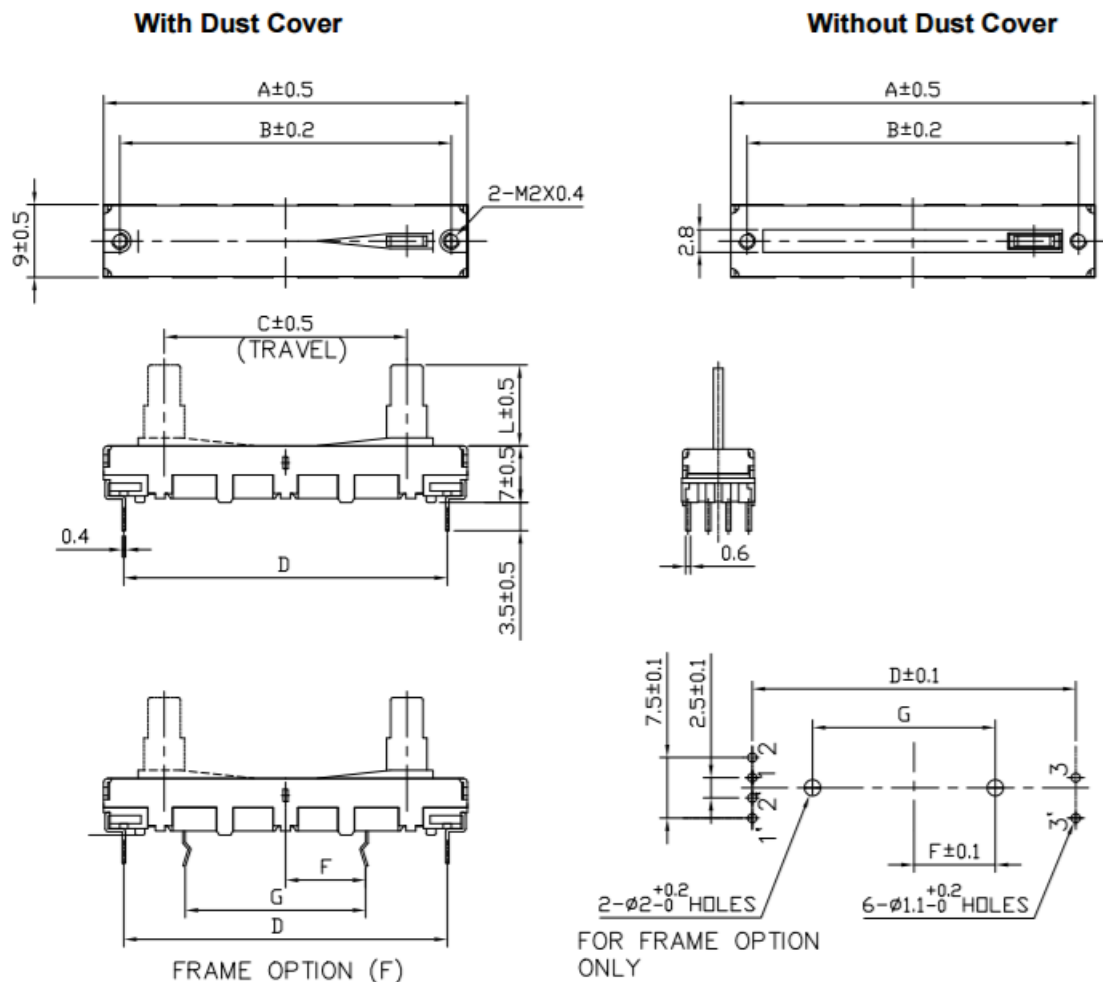
Slide Potentiometer

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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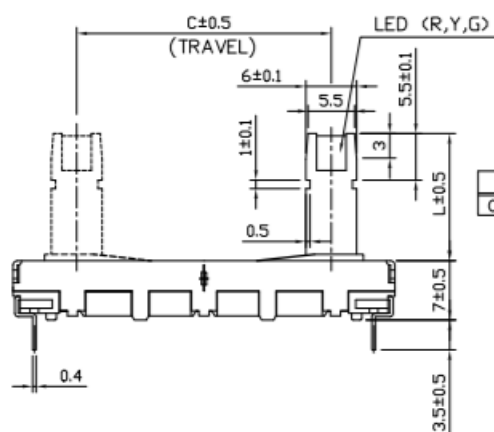
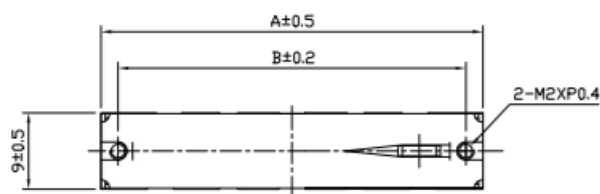
Model PSxxM / PSxxL



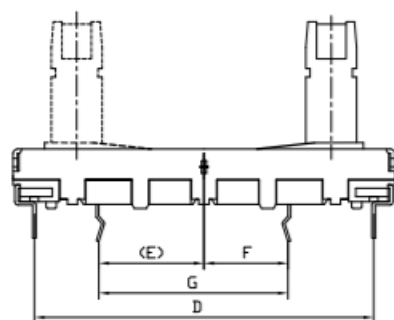
Outline Drawings

Model PSxxL (With LED)

With Dust Cover

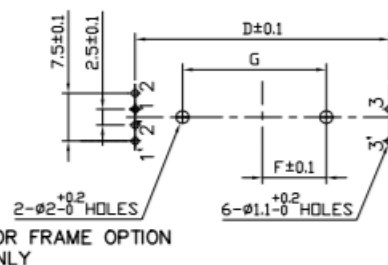
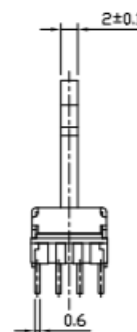
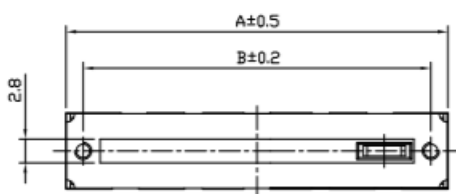


L	15	19
CODE	1	2

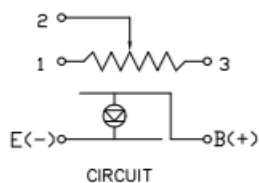


FRAME OPTION (F)

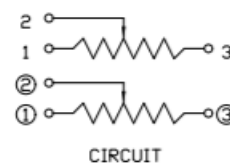
Without Dust Cover



PSxxL (Single gang with LED)



PSxxM (Dual gang)



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Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9