

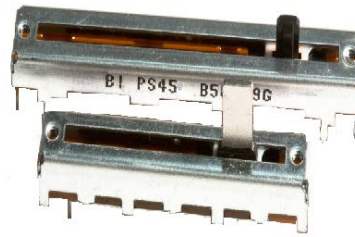
Model PSxx

Slide Potentiometer

100,000 Cycle Life

Metal/Plastic Lever

RoHS Compliant



MODEL STYLE

Single Gang	PSxx-1
Dual Gang	PSxx-2

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	100M 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	10gf to 100gf
Detent Slip-out force	30gf to 200gf

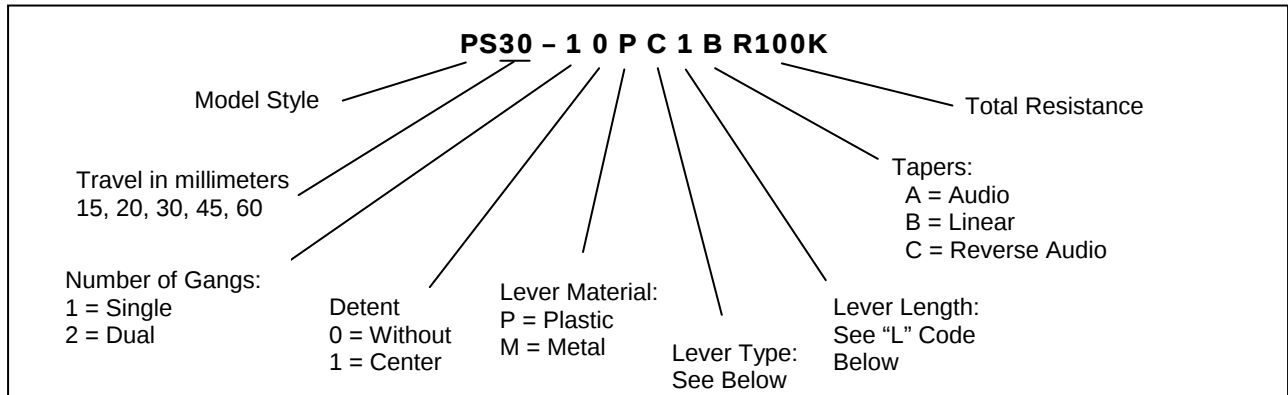
DURABILITY

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

ORDERING INFORMATION²

Model PSxx



STANDARD RESISTANCE VALUES, OHMS

500	1K	2K	5K	10K	20K	50K	100K	200K	500K	1 MEG
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Plastic Lever Types

D-Type	B -Type	C -Type	A -Type
L 5	L 10	L 10 12.5 15 18 20	L 5 8 10
CODE 1	CODE 1	CODE 1 2 3 4 5	CODE 1 2 3

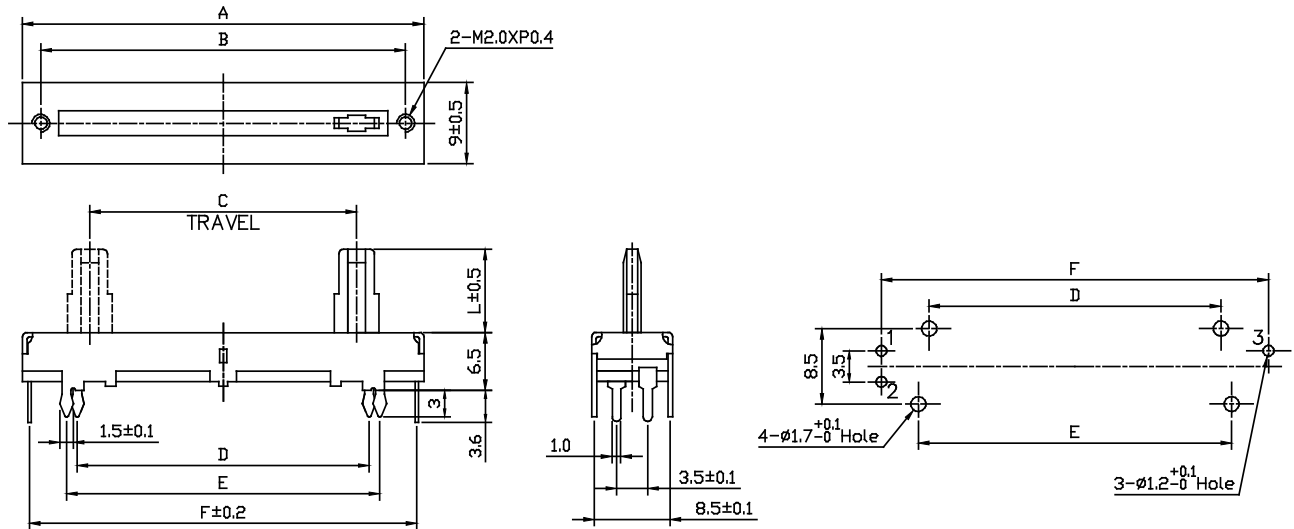
Metal Lever Types

D-Type	B -Type	C -Type	A -Type
L 15 20 25 F 10 10 10	L 6 7 10	L 10 15 17.3 20 25 F 7 10 10 10 10	L 10.4
CODE 1 2 3	CODE 1 2 3	CODE 1 2 3 4 5	CODE 1

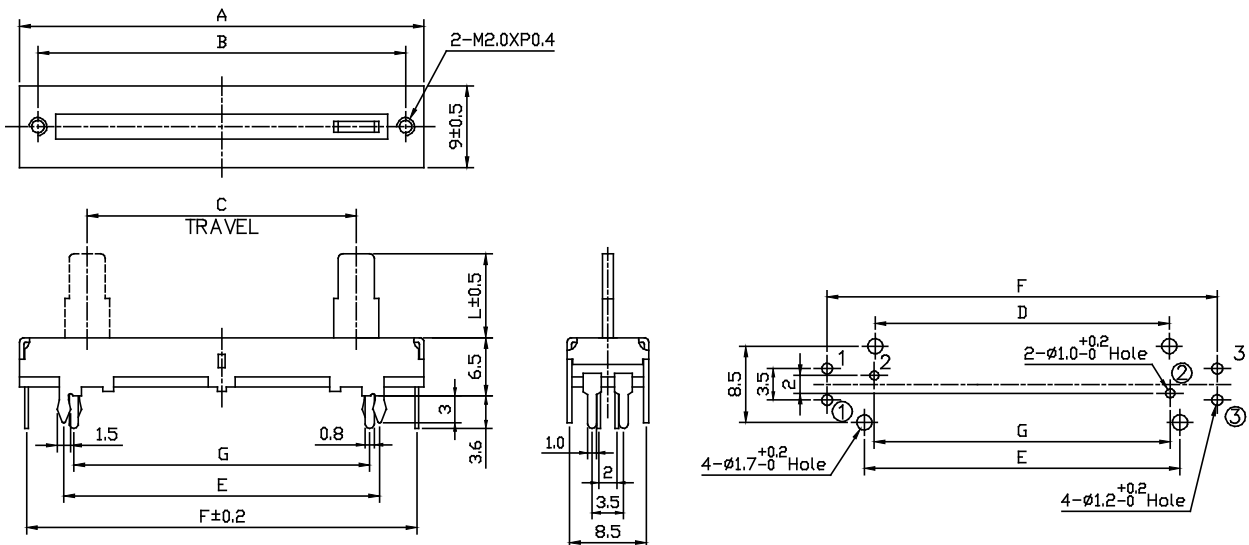
² Contact our customer service for custom designs and features.

OUTLINE DRAWING

PSxx-1 Single Gang



PSxx-2 Dual Gang

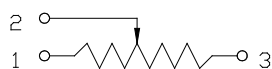


General Note
TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

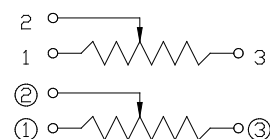
MODEL	A	B	C	D	E	F	G
PS15-1	30	26	15	17.8	20.2	28.8	---
PS15-2	30	26	15	17.8	20.2	28.8	18
PS20-1	35	31	20	22.8	25.2	33.8	---
PS20-2	35	31	20	22.8	25.2	33.8	23
PS30-1	45	41	30	32.8	35.2	43.8	---
PS30-2	45	41	30	32.8	35.2	43.8	33
PS45-1	60	56	45	47.8	50.2	58.8	---
PS45-2	60	56	45	47.8	50.2	58.8	48
PS60-1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



Mouser Electronics

Authorized Distributor

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