

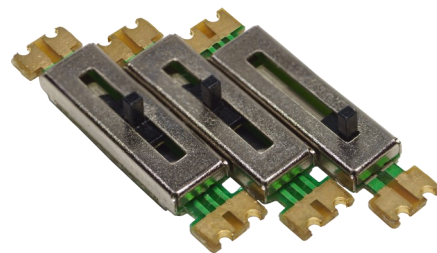
Miniature Slide Potentiometer

PSM Series



Features:

- Microminiature package (5mm wide, as low as 4mm travel)
- Smooth slide
- Long operational life
- Carbon composite resistive element
- Options for resistance, length, mounting, and more



Electrical Specifications

Total Resistance	500Ω—50KΩ
Total resistance tolerance	±20%
Resistance taper	A&B taper
Residual resistance	10Ω max.
Rated power	0.01W
Linearity tolerance	Less than 5%
Insulated resistance	More than 50MΩ at DC 100V for 1 minute

Mechanical Specifications

Slide/mechanical travel	4, 5 and 10 mm
Sliding torque	5gf to 90gf
Sliding stopper strength	>3.0Kgf
Push-pull strength of lever	>3.0Kgf
Slide life	5,000 cycles

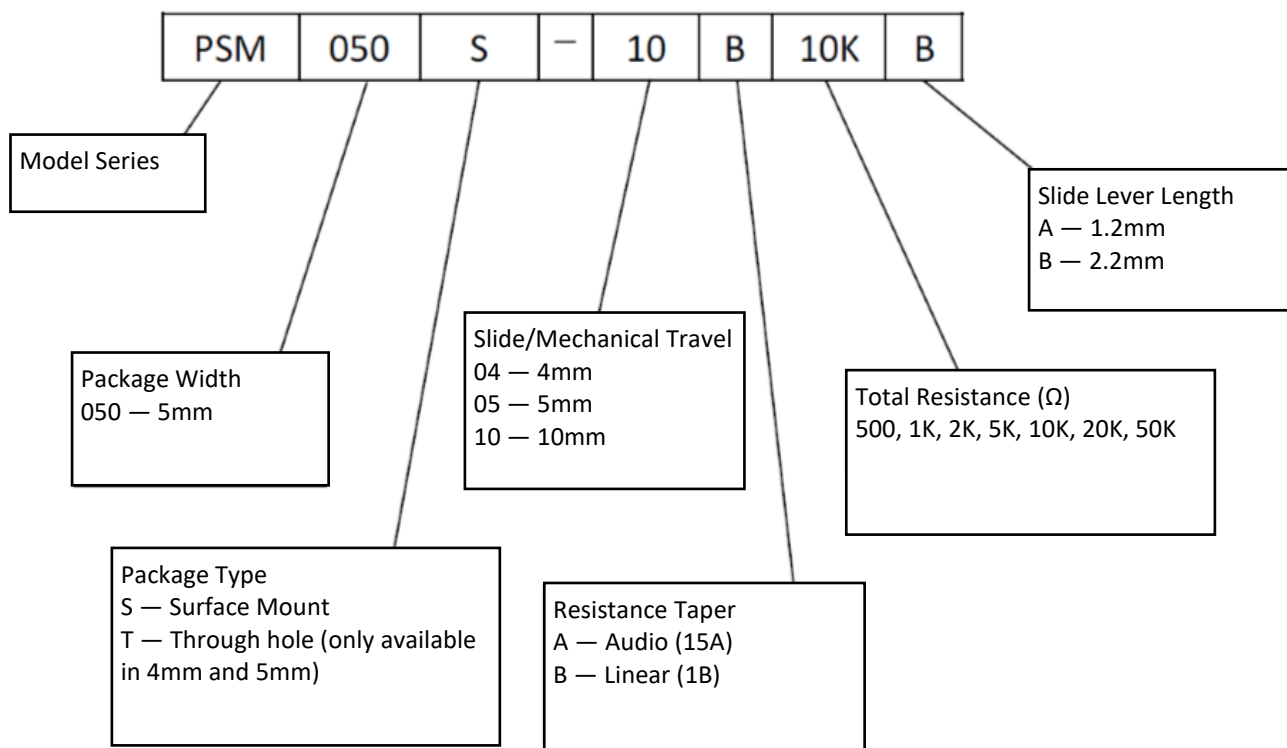
General Note

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Environmental Specifications

Storage temperature	-30°C to +80°C
Operating temperature	-10°C to +70°C
Soldering condition	Wave soldering: 260±5°C max.

Ordering Options

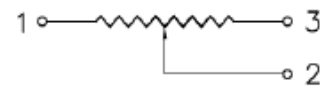
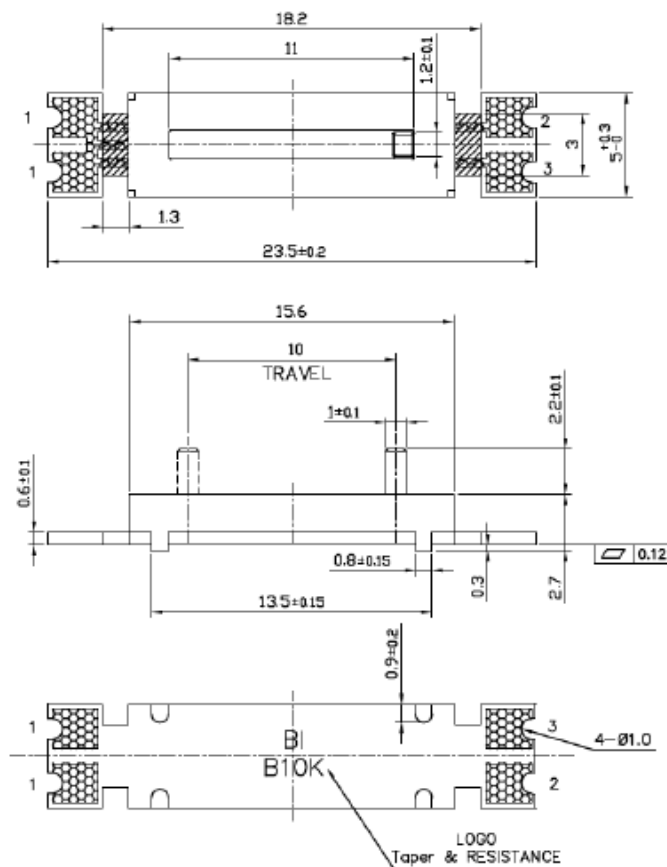


General Note

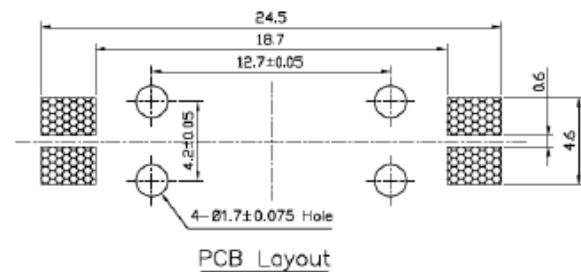
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Outline Drawings

PSM050S-10



CIRCUIT



PCB Layout

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