

Features

- Long life carbon element
- Assortment of resistance tapers
- 60 and 100 mm travel lengths
- Touch sense lever
- PC terminals or snap-in connector option



PSM Series Motorized Slide Potentiometer

Electrical Characteristics

Standard Resistance Range1K ohms to 1 megohm

Standard Resistance Tolerance...±20 % End Resistance20 ohms max. Insulation Resistance @ 250 VDC

Dielectric Withstanding Voltage

Touch Sense Track

Conductive Resistance

Snap-in Connector.......2 ohms max. (Mating Connector CH325)

PC Terminal

TR > 30k ohms...0.1 % of TR max. TR \leq 30k ohms.......30 ohms max.

Environmental Characteristics

Mechanical Characteristics

Mechanical Travel

Soldering Condition

Manual350 °C ±5 °C for 3 sec.

Wave260 °C ±5 °C for 5 sec.

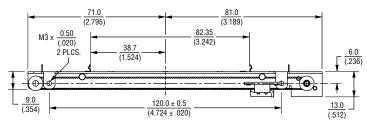
WashNot recommended

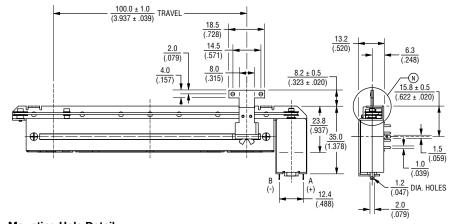
Motor Drive Characteristics

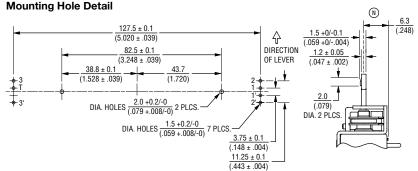
......20 mm/0.1 sec.

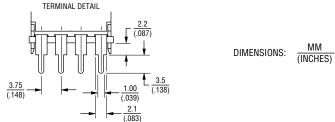
Product Dimensions

PC Terminals - 100 mm Travel











WARNING Cancer and Reproductive Harm

www.P65Warnings.ca.gov

*RoHS Directive 2015/863, Mar 31, 2015 and Annex. Specifications are subject to change without notice.

Applications

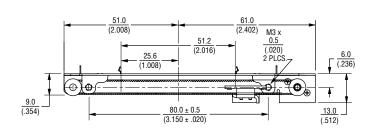
- Audio mixing consoles
- Broadcast mixing consoles

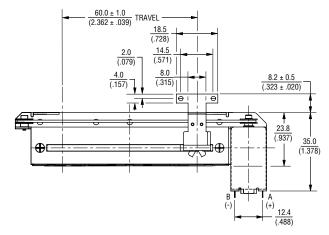
PSM Series Motorized Slide Potentiometer

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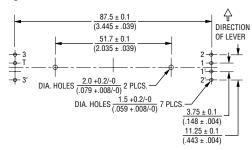
Product Dimensions

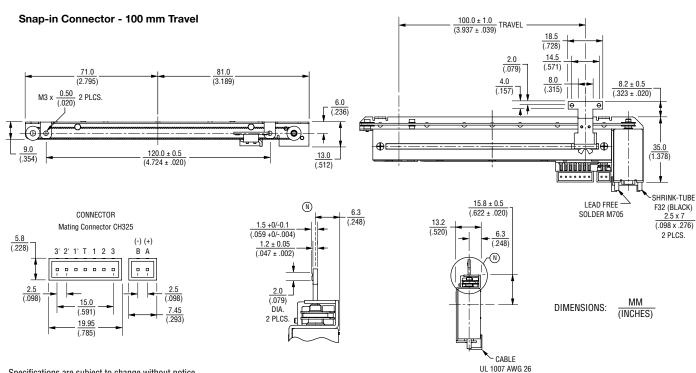
PC Terminals - 60 mm Travel





Mounting Hole Detail





Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

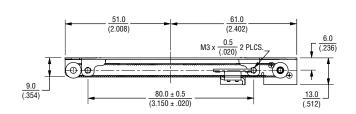
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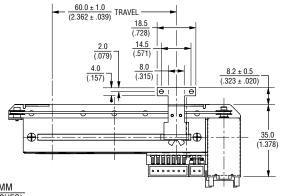
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Product Dimensions

Snap-in Connector - 60 mm Travel

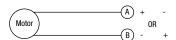


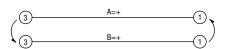


DIMENSIONS: $\frac{MM}{(INCHES)}$

Schematics

Motor





Line Track (R1)



Touch Sense Track



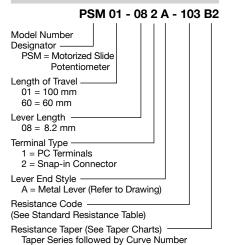
Servo Track (R2)



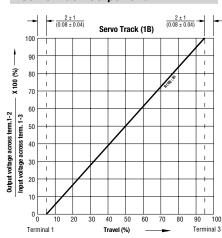
Standard Resistance Table

Resistance (Ohms)	Resistance Code
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
50,000	503
100,000	104
200,000	204
500,000	504
1 000 000	105

How To Order



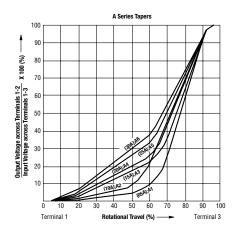
Servo Track Output Chart

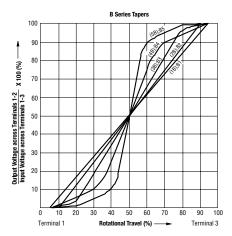


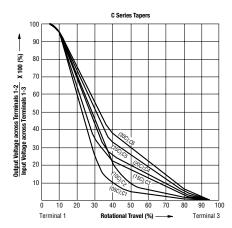
PSM Series Motorized Slide Potentiometer

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Tapers







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