

# **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 Range

......1K ohms to 1 megohm Standard Resistance Tolerance...±20 % End Resistance ................20 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.  $TR \le 30k$  ohms......30 ohms max.

### **Environmental Characteristics**

## **Mechanical Characteristics**

Mechanical Travel

100 mm Travel........ 1.3 mm p-p max. 60 mm Travel....... 1.6 mm p-p max. Soldering Condition

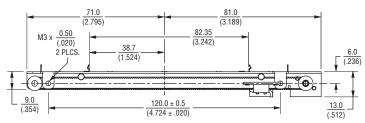
Wash ......Not recommended

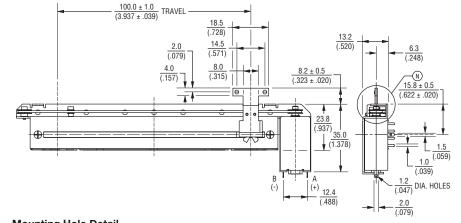
Manual .......350 °C ±5 °C for 3 sec. Wave ......260 °C ±5 °C for 5 sec.

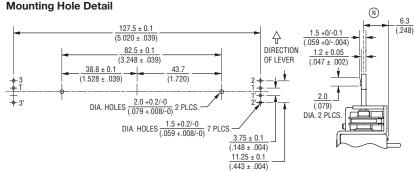
## **Motor Drive Characteristics**

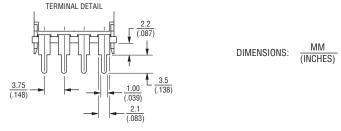
 Product Dimensions

## PC Terminals - 100 mm Travel











WARNING Cancer and Reproductive Harm

www.P65Warnings.ca.gov

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

# **Applications**

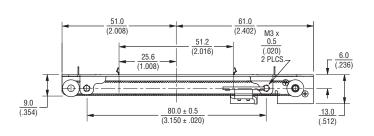
- Audio mixing consoles
- Broadcast mixing consoles

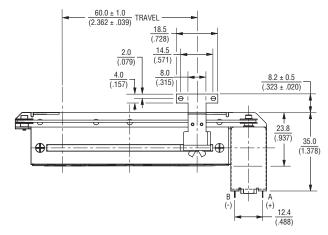
# **PSM Series Motorized Slide Potentiometer**

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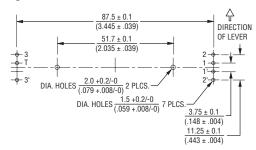
## **Product Dimensions**

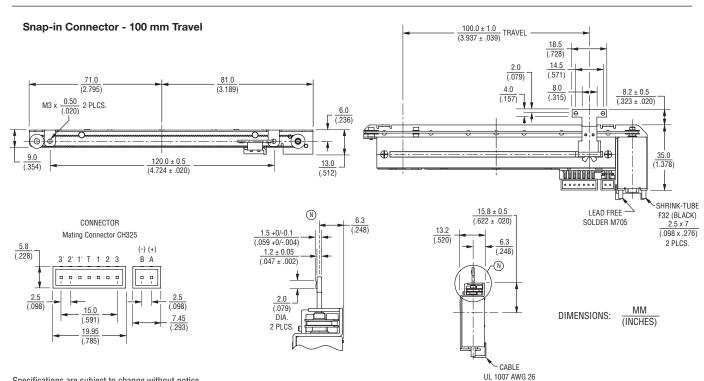
## PC Terminals - 60 mm Travel





## **Mounting Hole Detail**





Specifications are subject to change without notice.

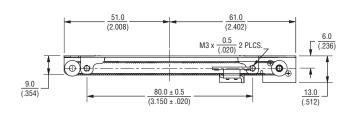
Users should verify actual device performance in their specific applications.

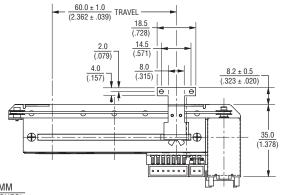
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# **PSM Series Motorized Slide Potentiometer**

## **Product Dimensions**







DIMENSIONS: (INCHES)

## **Schematics**

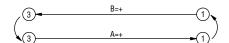
## Motor





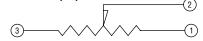




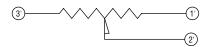


# Standard Resistance Table

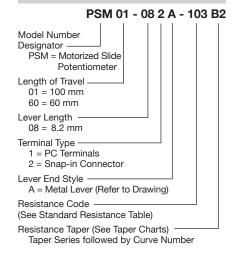
Resistance (Ohms)	Resistance Code	
1,000	102	
2,000	202	
5,000	502	
10,000	103	
20,000	203	
50,000	503	
100,000	104	
200,000	204	
500,000	504	
1 000 000	105	



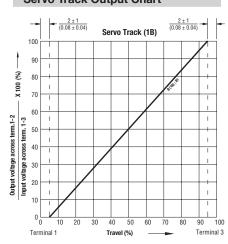
## Servo Track (R2)



## **How To Order**



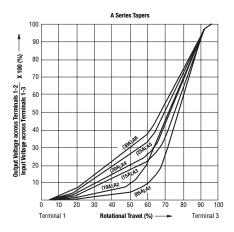
# **Servo Track Output Chart**

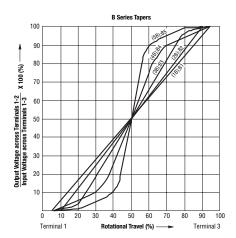


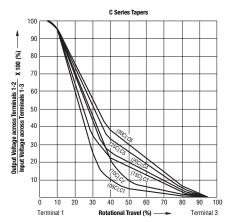
# **PSM Series Motorized Slide Potentiometer**

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# Tapers







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