

Features

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



PSM Series Motorized Slide Potentiometer

Electrical Characteristics

 $TR \le 30k$ ohms.......30 ohms max.

Environmental Characteristics

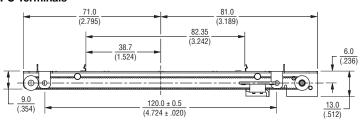
| Operational Life | 100,000 cycles |
|-----------------------------|-----------------|
| TR Shift | ±15 % |
| Operating Temperature Range | |
| | 10 °C to +55 °C |
| Resistance to Solder | |

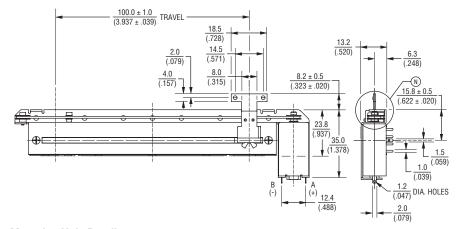
Mechanical Characteristics

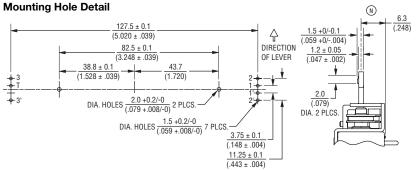
Motor Drive Characteristics

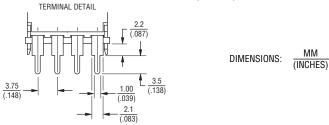
Product Dimensions

PC Terminals









^{*}RoHS Directive 2002/95/EC Jan 27, 2003 including Annex. Specifications are subject to change without notice. Customers should verify actual device performance in their specific applications.

Applications

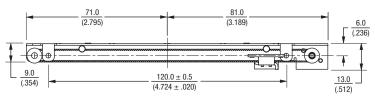
- Audio mixing consoles
- Broadcast mixing consoles

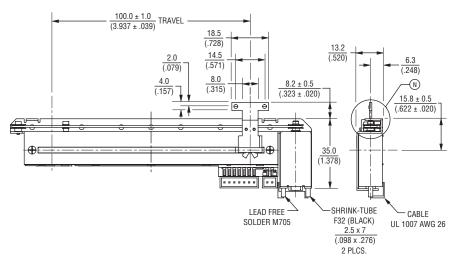
PSM Series Motorized Slide Potentiometer

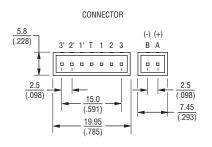
BOURNS®

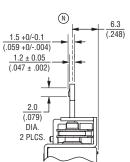
Product Dimensions

Snap-in Connector

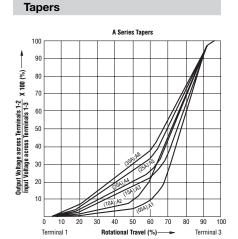


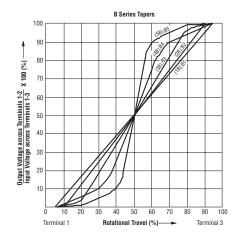


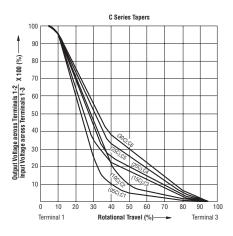




DIMENSIONS: $\frac{MM}{(INCHES)}$







PSM Series Motorized Slide Potentiometer

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Schematics

Motor





Line Track



Servo Track



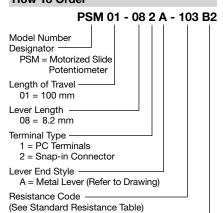
Touch Sense Track



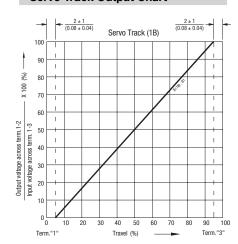
Standard Resistance Table

| 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



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