

Features

- High grade, long life
- Single and dual gang
- Assortment of resistance tapers
- Tracking error within ±3 dB
- 45, 60 and 100 mm sizes
- Wide operating temperature range
- T-bar lever option

The PTS series is obsolete and not recommended for new designs. The Model PTF45 and PTF60 are alternatives.

PTS Series High Grade Slide Potentiometer

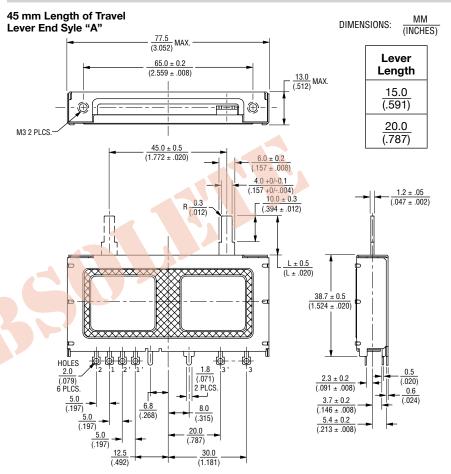
Electrical Characteristics

Environmental Characteristics

Mechanical Characteristics

Manual300 °C ±5 °C for 3 sec. Wave260 °C ±5 °C for 5 sec. WashNot recommended

Product Dimensions



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



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.

Users should verify actual device performance in their specific applications.

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Model Number Designator PTS 45 - 0 2 L - 103 B2 Model Number Designator PTS = High Grade Slide Potentiometer Length of Travel 45 = 45 mm 60 = 60 mm 01 = 100 mm Lever End Style "A" / 15 mm 1 = Lever End Style "A" / 8.2 mm 2 = Lever End Style "A" / 20 mm No. of Gangs 1 = Single Gang 2 = Dual Gang Mounting Type L = Solder Lugs P = PC Pins Resistance Code (See Standard Resistance Table)

Resistance Taper (See Taper Charts)

Taper Series followed by Curve Number

Applications

■ Professional mixing consoles

PTS Series High Grade Slide Potentiometer

■ Professional outboard gear

Product Dimensions Tapers 60 mm Length of Travel A Series Tapers Lever End Style "A" 100 $\frac{92.5}{(3.642)}$ MAX. Lever X 100 (%) 80 80.0 ± 0.2 Length $(3.150 \pm .008)$ 70 $\frac{13.0}{(.512)}$ MAX. 15.0 60 (.591)50 20.0 across T M3 2 PLCS. (.787) 60.0 ± 0.5 $(2.362 \pm .020)$ 6.0 ± 0.2 DIMENSIONS: 20 $\overline{(.157 \pm .008)}$ 4.0 +0/-0.1 .157 +0/-.004) 20 10.0 ± 0.3 $(.047 \pm .002)$ $R \frac{0.3}{(.012)}$ **B Series Tapers** 100 L ± 0.5 Output Voltage across Terminals 1-2 Input Voltage across Terminals 1-3 $(1.524 \pm .020)$ 60 50 3 40 • HOLES (.079) 6 PLCS. (.071) $-\frac{0.5}{(.020)}$ $\frac{2.3 \pm 0.2}{(.091 \pm .008)}$ 0.6 6.8 3.7 ± 0.2 (.024)(.268)(.315) $\overline{(.146 \pm .008)}$ $\overline{(.213 \pm .008)}$ (1.083)(.197 Terminal 1 Rotational Travel (%) 20.0 C Series Tapers **Schematics Dual Gang** Single Gang 50 R2 1'O

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10 20 30 40

Terminal 1

90

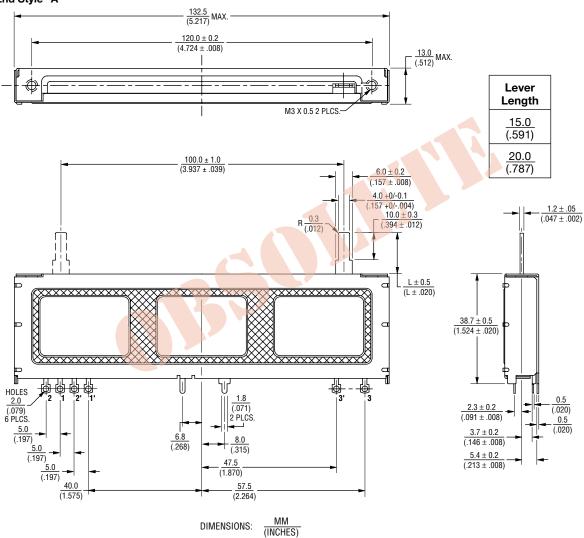
Terminal 3

Specifications are subject to change without notice.

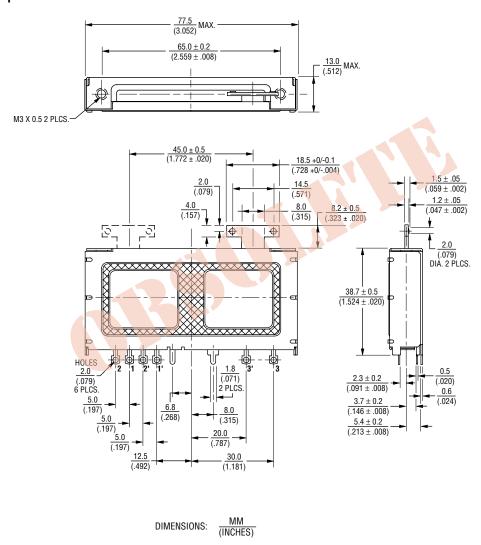
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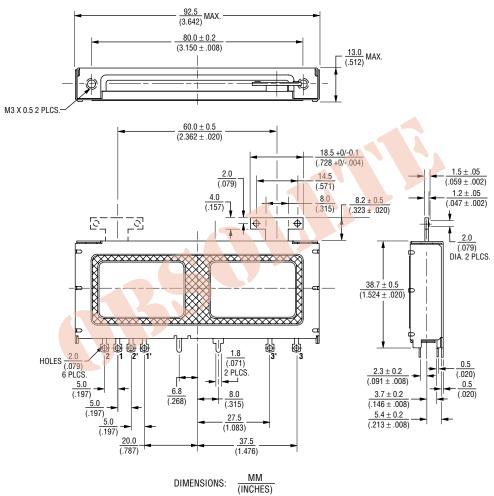
100 mm Length of Travel Lever End Style "A"



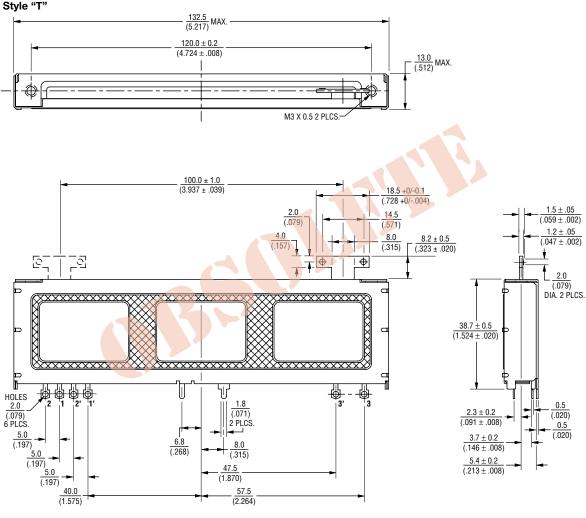
45 mm Length of Travel Lever End Style "T"



60 mm Length of Travel Lever End Style "T"



100 mm Length of Travel Lever End Style "T"



MM

(INCHES)

DIMENSIONS:

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