

Features

- Carbon element
- Assortment of resistance tapers
- Push latching shaft
- Flatted, knurled and slotted shaft styles
- Center detent option



PTP90 Series Panel Control w/Push Latching Shaft

Electrical Characteristics

Standard Resistance Range
1K ohms to 1 megohm
Standard Resistance Tolerance
R < 250K ohms±20 %
R ≥ 250K ohms±30 %
End Resistance
R < 50K ohms 30 ohms max.
$R \ge 50K$ ohms 0.1 % of TR max.
Insulation Resistance @ 250 VDC
100 megohms min.
Dielectric Withstanding Voltage
300 VAC
Tracking Error (-40 dB to 0 dB)±3 dB
Standard Taper Linear, Audio
Power Rating
Linear 0.05 watt
Audio 0.025 watt
Slider Noise100 mV max.
Operating Voltage 50 VAC / 10 VDC

Environmental Characteristics

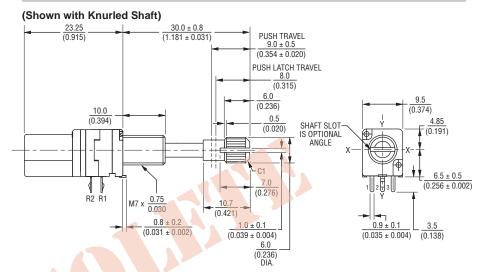
Operational Life	. 15,000 cycles
TR Shift	±15 %
Operating Temperature Ra	ange
1	
Resistance to Solder Hear	t±5 %
IP Rating	IP 40
Moisture Sensitivity Level	1
ESD Classification (HBM)	N/A

Mechanical Angle310 ° max.

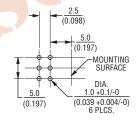
Mechanical Characteristics

each potentiometer

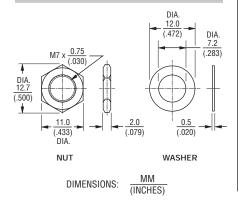
Product Dimensions



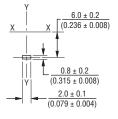
Mounting Hole Detail



Hardware



Locating Lug Detail



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



Applications

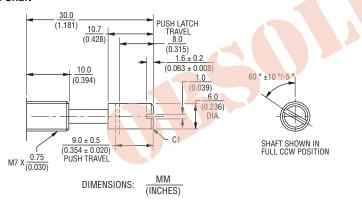
- Multimedia sound systems
- Mixers / drum machines / DJ equipment
- Portable electronics
- Portable appliances

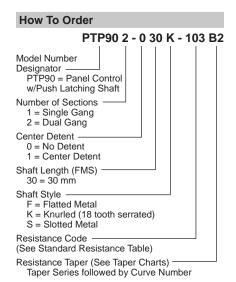
PTP90 Series Panel Control w/Push Latching Shaft

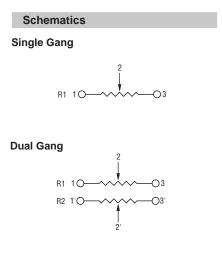
BOURNS®

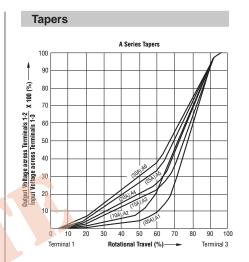
Additional Shaft Styles Flatted Shaft 30.0 (1.181) 10.7 (0.428) 8.3 (0.327)(0.394)8.0 4.5 +0/-0.1 60 ° ±10 °/-5 (0.177 + 0.004)(0.315) PUSH LATCH 6.0 +0/-0.05 TRAVEL (0.236 ± 0.002) C1 9.0 ± 0.5 $\overline{(0.354 \pm 0.020)}$ SHAFT SHOWN IN PUSH TRAVEĹ M7 X (0.030) FULL CCW POSITION

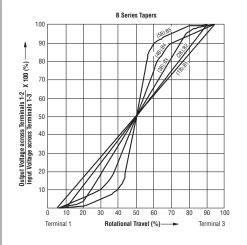
Slotted Shaft

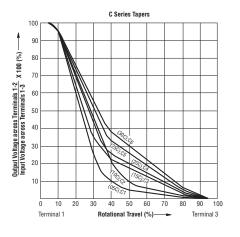












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