

Features

- Plastic shaft
- Low profile
- Center detent
- Audio and linear tapers
- PC-pin layout for board mount
- RoHS compliant*

PDB08 - 8 mm Micro Rotary Potentiometer

Electrical Characteristics

Taper.....Audio, Linear Standard Resistance

5k ohms	to 500k ohms
Standard Resistance Tolerand	ce±30 %
Residual Resistance	. 5 ohms max.
Power Rating	0.03 W
Maximum Operating Voltage.	50 V AC
Sliding Noise	.100 mV max.

Environmental Characteristics

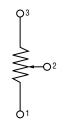
Operating Temperature R	lange
	10 °C to +60 °C
Storage Temperature Rar	
	10 °C to +70 °C
Soldering Condition	
Wave Soldering	260 °C for 5 s
Manual Soldering	350 °C for 3 s

Mechanical Characteristics

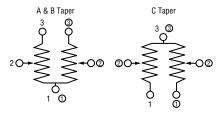
Mechanical Angle	200 ° ±10 ° max.
Torque	
Starting and Running .	10 to 100 gf-cm
Detent	10 to 100 gf-cm

Stop Strength	1 kgf-cm min.
Rotational Life	•

Circuit Single



Circuit Dual



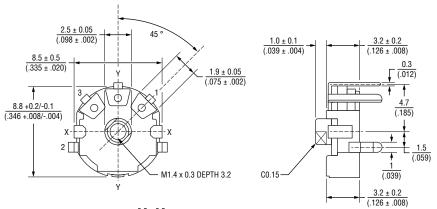


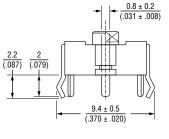
Additional Information

Click these links for more information:



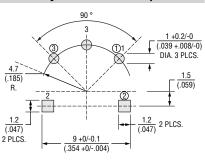
Product Dimensions



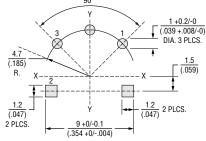


DIMENSIONS: $\frac{MM}{(INCHES)}$

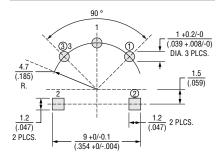
PCB Layout Dual A & B Taper



PCB Layout Single



PCB Layout Dual C Taper

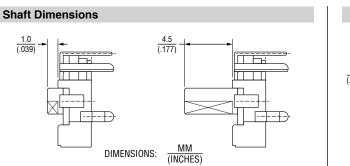


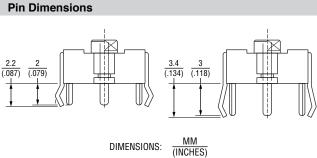
*RoHS Directive 2015/863, Mar 31, 2015 and Annex.

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PDB08 - 8 mm Micro Rotary Potentiometer

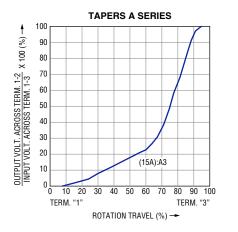
OUTRN

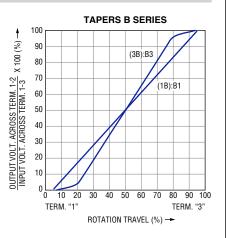


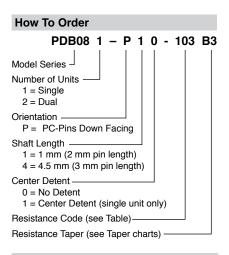


DIMENSIONS:

Tapers





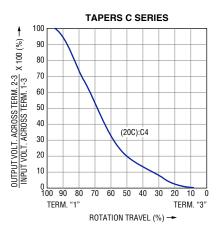


Standard Resistance Table

Resistance (Ohms)	Resistance Code
5,000	502
10,000	103
20,000	203
50,000	503
100,000	104
250,000	254
500,000	504

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