

Features

- Flatted plastic shaft option
- Horizontal & vertical mount option
- Dual-potentiometer
- Center tap option
- Audio & linear tapers
- PC pin layout for board mount
- RoHS compliant*

PRS14R - 14 mm Rotary Plastic Shaft Dual-Potentiometer

Additional Information

Click these links for more information:



Electrical Characteristics

Taper Audio, Linear
Standard Resistance 5k ohms to 500k ohms
Standard Resistance Tolerance ±20 %
Residual Resistance 0.6 % max.
Insulation Resistance
Dielectric Withstanding Voltage
Sea Level 300 V AC min.
Tap Residual Resistance
Power Rating0.05 W
Maximum Operating Voltage 50 V AC
Sliding Noise 100 mV max.
Environmental Characteristics
Operating Temperature10 °C to +70 °C
Storage Temperature30 °C to +70 °C
Soldering Condition
Wave Soldering 260 °C for 5 s
Manual Soldering

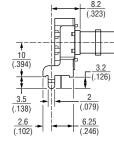
Manuai	Soldering 350	°C for 3	s
IP Rating.	-	IP 40	C

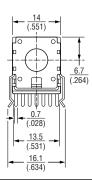
Mechanical Characteristics

Starting & Running	30-200 gf-cm
Detent	
Mounting	10 kgf-cm max.
Stop Strength	5 kgf-cm min.
Rotational Life	15,000 cycles min.
HardwareOne flat w	asher and one hex nut
supplied with threa	aded bushing versions

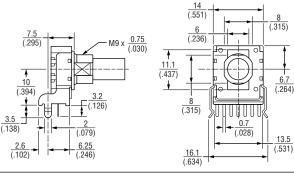
Product Dimensions

PRS14R-1xxxx-xxxxx

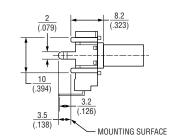


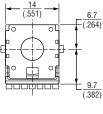


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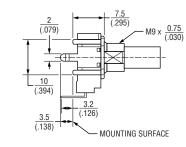


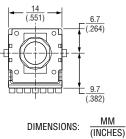
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PRS14R-4xxxx-xxxxx







WARNING Cancer and Reproductive Harm www.P65Warnings.ca.gov

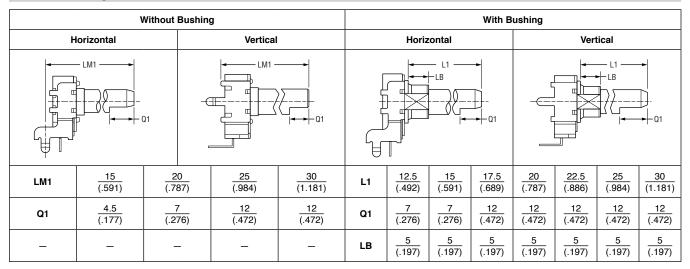
*RoHS Directive 2015/863, Mar 31, 2015 and Annex.

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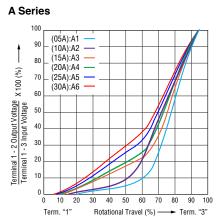
PRS14R - 12 mm Rotary Plastic Shaft Dual-Potentiometer

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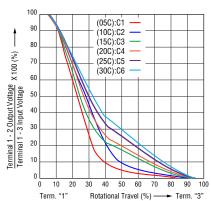
Shaft & Bushing Dimensions

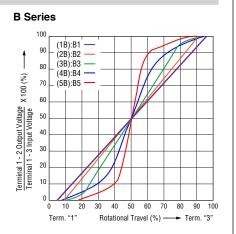


Tapers



C Series





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

How To Order

PRS14R - 40015 - 103 B1				
Model				
Orientation				
1 = PC Pins				
vertical / side facing				
2 = PC Pins				
vertical / side facing				
bushing				
3 = PC Pins horizontal /				
rear facing				
4 = PC Pins				
horizontal /				
rear facing bushing				
Detent Configuration 0 = No Detent 1 = Center Detent				
Center Tap				
0 = No Tap				
1 = Center Tap				
Shaft Length				
12 = 12 mm (bushing version only) 15 = 15 mm				
17 = 17.5 mm (bushing version only)				
20 = 20 mm				
22 = 22.5 mm (bushing version only)				
25 = 25 mm				
30 = 30 mm				
Resistance Code (see table)				
Resistance Taper (see Taper charts)				

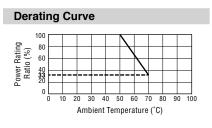
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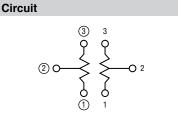
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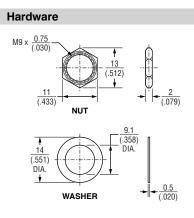
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