

Spindle Operated Potentiometers

Type PC908 Series

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Where edgewheel operation, high current handling and longlife are required specify the Tyco PC908 Series. Its cermet element ensures stability and high performance. This potentiometer is ideal for use in many industrial and professional equipment applications. It is widely used in business machines, visual display units, medical and telecommunication equipment.

Key Features

- Stable High Resolution Cermet Element
- Easy to Adjust
- Convenient Size
- Proven Reliability
- Up to 1 Watt Power Rating at 40°C
- Log and Linear Laws Available
- Resistant to Most PCB Washing Solvents
- Custom Design Edgewheels Available

Characteristics - Electrical

Standard Resistance Range and Laws:	47 Ohms to 2M2 (Linear) 1K Ohm to 1M Ohm (Non Linear)
Resistance Values:	1, 2.2 and 4.7 in each decade
Selection Tolerance:	± 20% (± 10% to order)
Rated Dissipation at 40°C:	1 W (Linear); 0.5 W (Log)
Limiting Element Voltage:	315 V DC or AC
Electrical Rotation:	240°
Rotational Noise (CVR):	< 5%

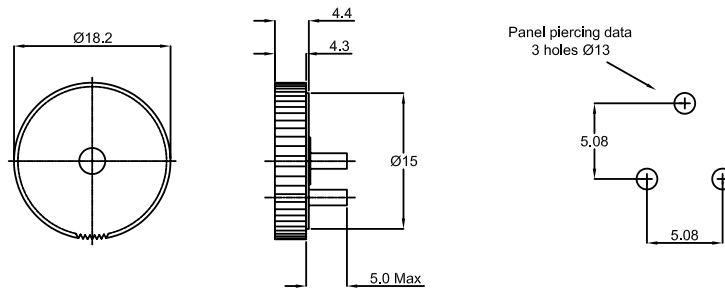
Characteristics - Mechanical

Starting Torque:	30 mNm, maximum
End Stop Torque:	90 mNm, minimum
Mechanical Rotation:	270°
Weight:	2.02 gms, maximum

Characteristics - Environmental

Limits of Resistance Change:	5% (after 1000 hour endurance)
Temperature Characteristics of Resistance (20°C to 70°C):	0.75%
Climatic Category:	40/100/04
Mechanical Endurance:	10,000 Operations, minimum

Dimensions



How to Order

Type	Resistance Value & Tolerance	Law
PC908	1K ±10% We will advise a Tyco Part Number against this description	Linear Log