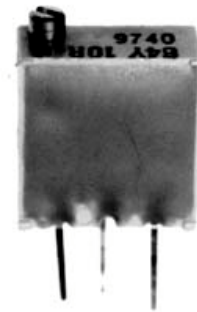


TRIMMER CERMET 64Y-102 1kohm

Features

- Multifinger precious metal wiper for long term set point stability
- Central pivot locating gear for improved stability
- Unique ratchet device integral with gear to ensure long term reliability
- Double chevron shaft for sealing plus consistent torque and reliable adjustability
- IC style pins for easier board insertion



Specifications

Electrical

Effective Travel: 25 turns nom

Resistance Range: 1 kOhms

Resistance Tolerance: $\pm 10\%$

End Resistance: Less than 2 Ohms

Temperature Coefficient of Resistance:

100ppm/ $^{\circ}\text{C}$. 100 Ohms to 2 Meg Ohms

0 to +250ppm/ $^{\circ}\text{C}$. below 100 Ohms

Power Rating: 1/2W @ +70 $^{\circ}\text{C}$ derated to 0W @ +125 $^{\circ}\text{C}$

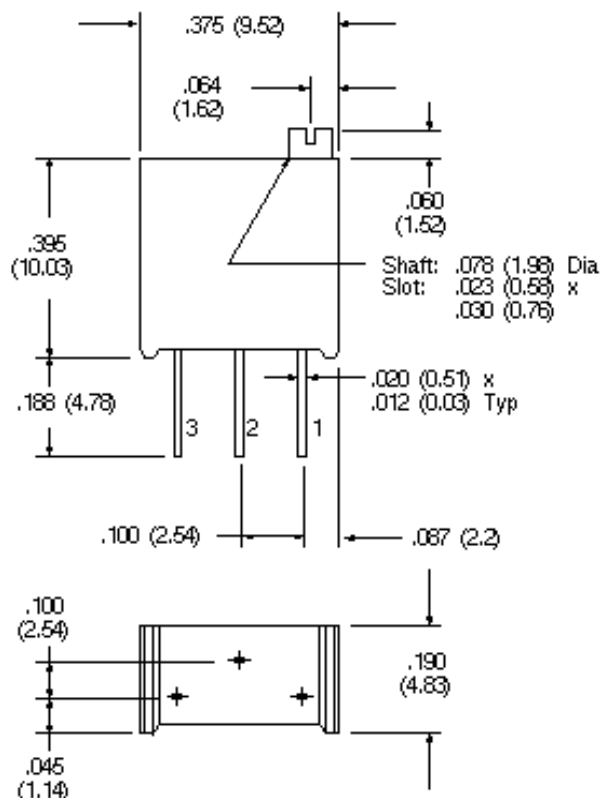
Dielectric Withstanding Voltage:

1000V AC at sea level

250V AC at 80,000 feet (24,400 meters)

Insulation Resistance: 1000 Meg Ohms min

Contract Resistance Variation: 2% or 20 Ohms, whichever is greater



Mechanical

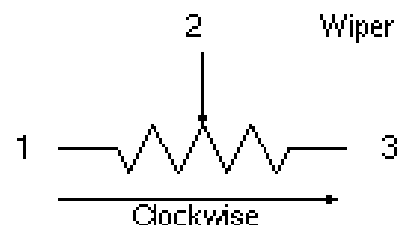
Stop: Contact idles at stop

Operating Torque: 3mNm nom

Resistance Element: Cermet

2-Terminal Adjustability: 0.05% RT

3-Terminal Adjustability: 0.01% of applied voltage



Environmental

Operating Temperature: -55 $^{\circ}$ to +125 $^{\circ}\text{C}$

Electrical Endurance: 1000 hr.

Mechanical Life: 200 cycles