Features
- Surface Mount / Single-Turn / Cermet Industrial / Sealed
- Compatible with surface mount manufacturing processes
- Standoffs facilitate boardwashing and mechanical stability
- Plastic housing for RF applications
- Low profile
- Patent #5043695 assembly for seal integrity

3324 - 4mm Square Trimming Potentiometer

Electrical Characteristics
- Standard Resistance Range: 10 ohms to 2 megohms
- Resistance Tolerance: ±20% std., (tighter tolerance available)
- End Resistance: 1% or 3 ohms max. (whichever is greater)
- Contact Resistance Variation: 3% or 3 ohms max. (whichever is greater)
- Resolution: Essentially Infinite
- Insulation Resistance: 500 vdc, 100 megohms min.
- Dielectric Strength: Sea Level, 500 vac (1 minute)
- Adjustment Angle: 220° nom.

Environmental Characteristics
- Soldering Heat: 260°C, 10 seconds, TRS ±1%
- Power Rating (200 volts max.):
  - 70°C: 0.25 watt
  - 125°C: 0 watt
- Operating Temperature Range: -55°C to +125°C
- Temperature Coefficient:
  - <100 Ohms: ±150ppm/°C
  - >100 Ohms: ±100ppm/°C
- Humidity: 80-98% RH, 10 cycles, 240 hours
- TRS ±3%; IR 10 megohms
- Vibration: 20G TRS ±1%; VRS ±1%
- Shock: 100G TRS ±1%; VRS ±1%
- Load Life: (at 70°C Rated Power 1000 Hours)
- Rotational Cycling: 100 cycles
- TRS ±3%
- Thermal Shock: 5 cycles
- TRS ±2%; VRS ±1%

Physical Characteristics
- Mechanical Angle: 250° nom.
- Torque: 50g-cm typical
- Stop Strength: 200g-cm typical
- Weight: Approximately 0.01 oz.
- Marking: Manufacturer's code, resistance code and date code
- Wiper: Positioned at 50% nominal
- Flammability: U.L. 94V-0
- Adjustment Tool: H-91

Specifications are subject to change without notice.

[Image of the product with dimensions and tolerances]

OBSOLETE 1998
3324 - 4mm Square Trimming Potentiometer

Packaging Specifications

Standard Resistance Table

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<th>Part Marking Code</th>
<th>Resistance Code</th>
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Popular values listed in boldface. Special resistances available.

For technical assistance call the Trimmer Products number on the back cover.

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