SMD 5MM SQUARE / SINGLE-TURN CERMET/INDUSTRIAL/SEALED

- Available in 3 and 4 pad SMD design or thru-hole
- Auto adjust rotor design, packaged in 12mm embossed tape, compatible with automatic placement equipment
- Superior lead frame construction
- Recommended for reflow solder processing

Model 3335
B Trimming Potentiometer

**OBsolete**

**Electrical Characteristics**

Standard Resistance Range
- 10 to 600,000 ohms
  (see standard resistance table)

Resistance Tolerance: ±10% std.
  (closer tolerance available)

Absolute Minimum Resistance
- 1% or 2 ohms max.
  (whichever is greater)

Contact Resistance Variation
- 3.0% or 3 ohms
  (whichever is greater)

Adjustability
- ±0.05%
- ±0.15%

Resolution
- Infinite

Insulation Resistance
- 500 vdc
  1,000 megohms min.

Dielectric Strength
- 600 vac
- 80,000 feet
- 250 vac

Adjustment Travel
- 240° nom.

**Environmental Characteristics**

Maximum Exposure (Temp/Time)
- +215°C/3 min.

Power Rating (100 Volts Max.)
- 85°C: 0.2 watt
- 150°C: 0 watt

Temperature Range
- -55°C to +150°C

Temperature Coefficient
- ±100ppm/°C max.

Seal Test: 85°C Flurointert

Humidity: MIL-STD-202
Method 103 (96 hours)
(3% ΔTR, 10 megohms min.)

Vibration: 3G (1% ΔTR, 1% ΔVR)
Shock: 100G (1% ΔTR, 1% ΔVR)

Load Life
- 1,000 hours 0.2 watt @ 85°C
  (3% ΔTR, 3% CRV)

Mechanical Life
- 200 cycles
  (4% ΔTR, 3% CRV)

**Physical Characteristics**

Mechanical Angle: 270° nom.
Torque: 3.0 oz-in. max.
Stop Strength: 4.0 oz-in. min.
Terminals: Solderable pins
Weight: 0.02 oz.

Marking: Manufacturer's trademark, resistance code, (model number, style, resistance code and date code on packaging)
Packaging: 500 pieces/7” reel

**HOW TO ORDER**

<table>
<thead>
<tr>
<th>Model</th>
<th>Style</th>
<th>Standard Product</th>
<th>Resistance Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3335W</td>
<td>1-103</td>
<td>E</td>
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</table>

**STANDARD RESISTANCE TABLE**

<table>
<thead>
<tr>
<th>Resistance (Ohms)</th>
<th>Code</th>
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<tbody>
<tr>
<td>10</td>
<td>100</td>
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<tr>
<td>20</td>
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</tr>
<tr>
<td>2,000</td>
<td>202</td>
</tr>
<tr>
<td>5,000</td>
<td>502</td>
</tr>
</tbody>
</table>

Special resistances available from 10 to 500,000 ohms.
Specifications are subject to change without notice.

*Flurointert is a registered trademark of 3M Company.