FEATURES

- Low cost commercial potentiometer
- Sealed to prevent contamination from fluxing, soldering and cleaning
- Smaller than transistor case — 5/16" Dia. x 3/16"
- Operating range —55°C to +125°C
- Power rating 0.5 watt at 70°C
- SILVERWELD® termination alloys with multiple resistance wires eliminating vulnerable single wire termination
- Stops provided at each end of travel

STANDARD RESISTANCES

<table>
<thead>
<tr>
<th>Resistance (ohms)</th>
<th>Part Numbers*</th>
<th>Nominal Resolution (Percent)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3305P Printed Circuit Pins</td>
<td>3305W Printed Circuit Pins (Side Adjust)</td>
</tr>
<tr>
<td>10</td>
<td>3305P-1-100</td>
<td>3305W-1-100</td>
</tr>
<tr>
<td>20</td>
<td>3305P-1-200</td>
<td>3305W-1-200</td>
</tr>
<tr>
<td>50</td>
<td>3305P-1-500</td>
<td>3305W-1-500</td>
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</tr>
<tr>
<td>200</td>
<td>3305P-1-201</td>
<td>3305W-1-201</td>
</tr>
<tr>
<td>500</td>
<td>3305P-1-501</td>
<td>3305W-1-501</td>
</tr>
</tbody>
</table>

SPECIAL RESISTANCES AVAILABLE FROM 51 OHMS TO 19K.

<table>
<thead>
<tr>
<th>Resistance (ohms)</th>
<th>Part Numbers*</th>
<th>Nominal Resolution (Percent)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3305P Printed Circuit Pins</td>
<td>3305W Printed Circuit Pins (Side Adjust)</td>
</tr>
<tr>
<td>1,000</td>
<td>3305P-1-102</td>
<td>3305W-1-102</td>
</tr>
<tr>
<td>2,000</td>
<td>3305P-1-202</td>
<td>3305W-1-202</td>
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<tr>
<td>5,000</td>
<td>3305P-1-502</td>
<td>3305W-1-502</td>
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<tr>
<td>10,000</td>
<td>3305P-1-103</td>
<td>3305W-1-103</td>
</tr>
<tr>
<td>20,000</td>
<td>3305P-1-203</td>
<td>3305W-1-203</td>
</tr>
<tr>
<td>25,000</td>
<td>3305P-1-253</td>
<td>3305W-1-253</td>
</tr>
</tbody>
</table>

*The last three digits of the part number represent the resistance in standard code.
Model 3305 TRIMiT® Potentiometer

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS
Standard Resistance Range (See chart on front) 10 ohms to 25K ohms
Noise during Adjustment 100 ohms ENR maximum
Resistance Tolerance ±5% standard
Absolute Minimum Resistance 0.5 ohm or 1.0% maximum, whichever is greater
Continuity Maintained for full mechanical range

ENVIRONMENTAL CHARACTERISTICS
Power Rating 6.5 watt at 70°C derating to 0 at -125°C
Operating Temperature Range -55 to +125°C
Vibration 30G
Shock 50G
Dielectric Strength 900 volts AC minimum

Humidity, MIL-STD-202B, Method 103 10 megohms minimum insulation resistance after removal from chamber
Seal Hot water immersion
Mechanical Life 200 cycles without discontinuity

PHYSICAL CHARACTERISTICS
Markings Manufacturer's name, resistance, date code, and manufacturer's model number
Mechanical Rotation 280 degrees nominal
Mechanical Steps Solid
Weight Approximately .02 oz.
Terminals P, W SOLDERABLE printed circuit pins

Specifications subject to change without notice.

3305 P

3305 W

TOLERANCE: EXCEPT WHERE NOTED
DECIMALS: XX ± .010
XXX ± .005

BOURNS, INC., TRIMPOT PRODUCTS DIVISION
1200 COLUMBIA AVENUE, RIVERSIDE, CALIFORNIA 92507
TELEPHONE: (714) 781-5050