FEATURES

- Highest power rating available in a small 1/8" diameter case: 1.0 watt at +125°C.
- Improved stability and low noise for outstanding performance.
- Infinite resolution cermet element offers stable performance in all environments.
- The performance of a mil spec panel control in a P.C. pin-mounting style.
- ±10% resistance tolerance standard; ±5% available.
- "O" ring shaft seal at no extra cost.
- Immersion seal.

STANDARD MODEL NUMBERING

TERMINATION STYLE:
- F — Printed Circuit Pins
- B — Soiler legs
EXAMPLE OF MODEL NUMBERING: 3300P-5-120C

TERMINATION STYLE:
- TAPER
- RESISTANCE CODE
- CATALOG ITEM (0 DIGITS INDICATE SPECIAL)
- TERMINATION STYLE
- MODEL

RESISTANCE CODE:

<table>
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<th>Value</th>
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<th>Value</th>
<th>Code</th>
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</table>

TAPER:
- A — Linear taper
- C — 10% CS taper
- F — 5% CS taper
- H — Linear taper

±10% resistance tolerance.
±5% resistance tolerance.
SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Standard Resistance Range (Taps A and H)</th>
<th>100 to 5,000,000 ohms</th>
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<tr>
<td>(Taps C and F)</td>
<td>500 to 2,500,000 ohms</td>
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<tr>
<td>Resatility Tolerance*</td>
<td>10% standard</td>
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</tbody>
</table>

Absolute Maximum Resistance:
- 100 through 750 ohms: 2 ohms
- 1,000 through 10,000 ohms: 5 ohms
- 15,000 through 50,000 ohms: 50 ohms
- 75,000 through 150,000 ohms: 150 ohms
- 250,000 through 500,000 ohms: 500 ohms
- 1,250,000 through 5,000,000 ohms: 5,000 ohms

Contact* Maintained for full mechanical angle

Contact Resistance Variation: (23%) of total resistance

Resistance: Infinite

Relay Contact Strength:
- 750 with RMS 60,000 foot
- 300 with RMS

Insulation Resistance (500 volts DC): 1,000 megohms

Power rating (250 volts Maximum) on C and F Tapers:
- +125°C: 1 watt
- -125°C: 0 watt

ENVIRONMENTAL CHARACTERISTICS

Operating Temperature Range: -65°F to +175°F

TRIMPOT® Patiometer Model 3369

MACHINICAL CHARACTERISTICS

Shaft Torque: 0.3 to 6 in-lb.
Step Strength: 2 lb.
Mechanical Angle: 790° ±5°
Weight: 0.15 lb. or 4 grams maximum

Terminals: Printed circuit board or solder lug

Markings: Manufacturer's symbol, wiring diagram, date code, resistance, manufacturer's part number

Inspection Note: 100% or statistical sampling inspection performed to ensure highest quality

Specification Note: Closest performance tolerances can be supplied upon request.

*Specifications are subject to change without notice.

3369P

3369S

SUGGESTED P.C. BOARD LAYOUT

NOTES:
- EACH PACKAGE WILL ACCOMMODATE THREE (3) TAPDIALS AND (2) WIPERS.
- TAPANCES:
- (2) WHERE NOTED
- (3) WHERE NOTED

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