1. LEAK TEST: 1000 PSI, NO N2 BUBBLES 1 MINUTE MINIMUM.
2. HYPOT 630 VDC, 500 MEG OHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
6. NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN Ø 0.035 [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
7. DIMENSION IS OVER-ALL LENGTH EXCLUDING OVERFILL ON ATMOSPHERE SIDE OF HOUSING.
8. REF-OPERATING TEMPERATURE -20°C TO 125°C.
9. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.001 [0.03] MAXIMUM.
10. DIMENSIONS ARE INCHES [millimeters].
11. PAVE-SEAL CAN BE A BIDIRECTIONAL HERMETIC SEAL FOR VACUUM AND MOST PRESSURES. FOR PRESSURES ABOVE 150 PSI (10 BAR), CHECK WITH SALES ENGINEERING.

---

## NOTES:

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>A/R</td>
<td>PARKER O-LUBE</td>
<td>LUBRICANT O-RING BARIUM-BASED</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>-010 VM128-75</td>
<td>O-RING -010 MIL-R-83485 (VITON-GLT)</td>
</tr>
<tr>
<td>5</td>
<td>A/R</td>
<td>URETHANE</td>
<td>URETHANE BLACK</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>E22 YEL 19STRD</td>
<td>WIRE 22E MIL-W-16878/4 .010 19/ #34</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>E22 ORG 19STRD</td>
<td>WIRE 22E MIL-W-16878/4 .010 19/ #34</td>
</tr>
<tr>
<td>2</td>
<td>A/R</td>
<td>PAVE-Seal 150</td>
<td>EPOXY BLACK</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>0168</td>
<td>HOUSING SP6-E</td>
</tr>
<tr>
<td>8</td>
<td>1</td>
<td>0168</td>
<td>HOUSING SP6-E</td>
</tr>
</tbody>
</table>

---

**SP6-INSTALLATION PORT SCALE: 2:1**

---

2X 32

2X 15°

---

Recommended Retaining Ring.
TRIARC N5000-37 OR EQUAL.
REPLACE O-RINGS IF REMOVED FROM PORT.

---

**LEVEL**

**PART NUMBER**

**DESCRIPTION**

---

**MATERIAL**

**REVISION**

---

SP6-E-150-2-TE22-300-12

---

4642

---

NOTED

---

2752 Thunderbird Court
Dayton, OH 45434 3495
USA
Tel (937) 890-1100
Fax (937) 890-5165
www.pavetechnology.com