Wires to exit within Ø 1.941 if Ø 1.8 both sides; spacing control not required this side.

0.05 [1.5] maximum over/underfill not including meniscus on wires this side.

NOTES:

1. LEAK TEST: 80 PSI, NO BUBBLES 2 MINUTES MINIMUM. A GREEN PAINT DOT ON THE PRESSURE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS 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 & COLOR POSITIONS ARE VARIABLE.
6. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
7. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
   <= .5 [12.7] SEAL DIAMETER: Ø 0.035 [0.89] MAX ALLOWED VOID SIZE
   > .5 [12.7] SEAL DIAMETER: Ø 0.060 [1.5] MAX ALLOWED VOID SIZE
8. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON ATMOSPHERE SIDE OF HOUSING.
9. REF-OPERATING TEMPERATURE -20°C TO 125°C.
10. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.001 [0.03] MAXIMUM.
11. DIMENSIONS ARE INCHES [millimeters].
12. PAVE-SEAL CAN BE A BI-DIRECTIONAL HERMETIC SEAL FOR VACUUM AND MOST PRESSURES. FOR PRESSURES ABOVE 150 PSI (10 BAR), CHECK WITH SALES ENGINEERING.

---

### ITEM QTY PART NUMBER DESCRIPTION

<table>
<thead>
<tr>
<th></th>
<th>A/R</th>
<th>PARKER O-LUBE</th>
<th>LUBRICANT O-RING BARIUM-BASED</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>1</td>
<td>-010 BUNA</td>
<td>O-RING -010 BUNA 75</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>E24 WHITE</td>
<td>WIRE 24E MIL-W-16878/4 7/#32</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>E24 RED</td>
<td>WIRE 24E MIL-W-16878/4 7/#32</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>E24 BLUE</td>
<td>WIRE 24E MIL-W-16878/4 7/#32</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>E24 BLACK</td>
<td>WIRE 24E MIL-W-16878/4 7/#32</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>
</tbody>
</table>

---

SP6 INSTALLATION PORT

SCALE: 2:1

RECOMMEND RETAINING RING
TRUARC NS000-37 OR EQUAL