NOTES:
1. LEAK TEST: 80 PSI, NO BUBBLES 2 MINUTES MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOP 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 & VARIABLE.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
   <= .5 [12.7] SEAL DIAMETER: \( \varnothing .035 \ [.89] \) MAX ALLOWED VOID SIZE
   > .5 [12.7] SEAL DIAMETER: \( \varnothing .060 \ [1.5] \) MAX ALLOWED VOID SIZE
7. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON ATMOSPHERE SIDE OF HOUSING.
8. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
9. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
10. 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.
11. DIMENSIONS ARE INCHES [millimeters].

**ITEM** | **QTY** | **PART NUMBER** | **DESCRIPTION**
--- | --- | --- | ---
4492* | 8 | A/R PARKER O-LUBE | LUBRICANT O-RING BARIUM-BASED
7 | 2 | -015 VITON | O-RING -015 VITON 75 BROWN ONLY
6 | 1 | TZ14 WHIT/16 | WIRE 14 TEFZEL MIL-W-22759/16 19/"#27
5 | 1 | TZ14 GREEN | WIRE 14 TEFZEL MIL-W-22759/16 19/"#27
4 | 1 | TZ14 RD | WIRE 14 TEFZEL MIL-W-22759/16 19/"#27
3 | 1 | TZ14 BLK /16 | WIRE 14 TEFZEL MIL-W-22759/16 19/"#27
2 | A/R | PAVE-Seal 150 | EPOXY BLACK
1 | 1 | 1374 M | HOUSING SP11M-E

**EXACT SAME** | **PART** | **DESCRIPTION** | **NOTED**
--- | --- | --- | ---
1 | 1 | 1374 M | HOUSING SP11M-E

---

**SPM11 INSTALLATION PORT**

**TRUARC N5000-75 OR EQUAL**

**RECOMMENDED RETAINING RING**

**SEE TABLE**

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**Pressures**

<table>
<thead>
<tr>
<th>ATMOSPHERE</th>
<th>PRESSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.27±0.08</td>
<td>.050±.003</td>
</tr>
<tr>
<td>17.50±0.03</td>
<td>.689±.001</td>
</tr>
<tr>
<td>14.73</td>
<td>.58</td>
</tr>
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</table>

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**Dimensions**

<table>
<thead>
<tr>
<th>X</th>
<th>Y</th>
<th>PAVE DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>23.6±.5 [59.9±13]</td>
<td>23.6±.5 [59.9±13]</td>
<td>SP11M-E-150-4-TZ14-24-24</td>
</tr>
<tr>
<td>8.5±.5 [21.6±13]</td>
<td>29±.5 [73.7±13]</td>
<td>SP11M-E-150-4-TZ14-8.5-29</td>
</tr>
</tbody>
</table>

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**All dimensions and tolerances apply to finished part inches. Allowable tolerances unless otherwise noted.**

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