NOTES:
1. LEAK TEST: 1500 PSI, NO BUBBLES 1 MINUTE MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
3. OPTICAL CONTINUITY CHECK 2 MINIMUM GOOD FIBERS.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
7. NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES. COSMETIC SURFACE VOIDS SMALLER THAN 0.035 [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
8. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
9. REF-OPERATING TEMPERATURE -25°C TO 120°C.
10. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] 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.

**TABLE**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>A/R</td>
<td>PARKER O-LUBE</td>
<td>LUBRICANT O-RING BARIUM-BASED</td>
</tr>
<tr>
<td>7</td>
<td>2</td>
<td>-012 BUNA</td>
<td>O-RING -012 BUNA 75</td>
</tr>
<tr>
<td>6</td>
<td>3</td>
<td>125188</td>
<td>FIBER OPTIC 50/125 MULTIMODE 900um ORANGE HARD LEASTOMERIC BUFFER</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>55A0421-26-9/92</td>
<td>WIRE TZ26 19/#38 TPC TWST PR WHT &amp; WHIT/RED STRIPE</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>55A0421-26-9/96</td>
<td>WIRE TZ26 19/#38 TPC TWST PR WHT &amp; WHIT/BLUE STRIPE</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>FRCL-122111</td>
<td>CABLE CAT 6 UNJACKETED NO SHIELD (ONLY 2 TWISTED PAIRS OF 4 USED, BRN/WHT W/BRN STRIPE &amp; ORG/WHT W/ORG STRIPE)</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>1226M</td>
<td>HOUSING SP8M-E</td>
</tr>
</tbody>
</table>

**DIAGRAM**

SP8M INSTALLATION PORT
32
[279 MIN] 11 MIN
[2286 MIN] 90 MIN

[12.57±0.25] Ø.495±0.010

.06 [1.5] MAXIMUM OVER/UNDERFILL, NOT INCLUDING MENISCUS ON WIRE SPACING CONTROL NOT REQUIRED THIS SIDE

WIRE TO EXIT WITHIN Ø.34 [8.6] BOTH SIDES

_RECOMMENDED RETAINING RING TRUARC N5000-56 OR EQUAL_

[15.14±0.05] Ø.596±.002
[14.22] Ø.560
[12.88±0.03] Ø.507±.001
[9.65] Ø.38
[18.29 MIN] .72 MIN

2791 Thunderhawk Court Dayton, OH 45414-3445 U.S.A. tel (937) 890-1100 fax (937) 890-5165 www.pavetechnologyco.com

ITEM QTY PART NUMBER DESCRIPTION
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7 2 -012 BUNA O-RING -012 BUNA 75
6 3 125188 FIBER OPTIC 50/125 MULTIMODE 900um ORANGE HARD LEASTOMERIC BUFFER
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3 1 FRCL-122111 CABLE CAT 6 UNJACKETED NO SHIELD (ONLY 2 TWISTED PAIRS OF 4 USED, BRN/WHT W/BRN STRIPE & ORG/WHT W/ORG STRIPE)
2 A/R PAVE-Seal 150 EPOXY BLACK
1 1 1226M HOUSING SP8M-E

NOTES:
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