NOTES:
1. LEAK TEST: 80 PSI, NO BUBBLES 1.5 MINUTES MIN.
2. HYPOT 630 VDC 500 MEGOHMS 0.01 SEC MINIMUM, WIRE TO WIRE.
3. ALL TESTS ARE DONE AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. BUNDLE MUST BEND 90° WITHIN NOTED DISTANCE.
6. REF OPERATING TEMPERATURE –56°C TO 121°C.
7. FOR PAVE# 1733–1 WIRES ARE NOT TWISTED.
8. DIMENSIONS ARE INCHES [millimeters].
9. 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.

WIRE LENGTH TABLE

<table>
<thead>
<tr>
<th>PART#</th>
<th>X</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>1733</td>
<td>15.50±.50 [393.7±12.7]</td>
<td>14.25±.50 [362.0±12.7]</td>
</tr>
<tr>
<td>1733–1</td>
<td>15 [381] MINIMUM</td>
<td>14 [356] MINIMUM</td>
</tr>
</tbody>
</table>

PRESSURE    ATMOSPHERE

PRESSURE 1  ATOMSPHERE 2  6

3.75±.25 [95.3±6.4]

3.75 [9.5] SEE NOTE 5

[.375] [.95]

[1.25] [31.8]

[1.10]

[3.00]

X

Y

LEAK TEST PORT

RECOMMENDED RETAINING RING
TRUARC #5100–125 OR EQUAL

LENGHT OF LAY (X=1 INCH)

<table>
<thead>
<tr>
<th>8 PAIRS</th>
<th>1 QUAD</th>
<th>2 QUINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIN</td>
<td>MAX</td>
<td>MIN</td>
</tr>
<tr>
<td>0.4</td>
<td>1.0</td>
<td>0.5</td>
</tr>
<tr>
<td>[.04]</td>
<td>[.10]</td>
<td>[.05]</td>
</tr>
</tbody>
</table>

1733 SCHEMATIC

SPF18

6 A/R  PARKER O–LUBE  LUBRICANT O–RING BARIUM–BASED
5 A/R  PAVE–Seal 150  EPOXY BLACK
4 30  T222 WHITE 19  WIRE 222Z M22759/32–22–9 600V
3 2  FIT–221–1/2  TUBING SHRINK POLYOLEFIN CLASS 1 ALPHA
2 2  –316 E1267–80  O–RING –316 ETHYLENE PROPYLENE 80
1 1  1241 SPF18  HOUSING SPF18–E

ITEM  QTY  PART# DESCRIPTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES
ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE +/-0.5
X DECIMAL +/- 0.1  X X DECIMAL +/- 0.02  XXX DECIMAL +/-0.005
ANGLES +/- 1 DEG  SURFACE FINISH 128 microinch RMS