### Notes:

1. HE LEAK TEST @ 1 ATM. 1X10^-6 CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOST 630 VDC 500 MEGOHMS MINIMUM. 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING WITH MATING CONNECTORS.
3. CONTINUITY TEST < 1.0 Ohm PIN TO PIN WITH MATING CONNECTORS.
4. ALCOHOL OR FOMBLIN VAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. CABLE POSITIONING IS APPROXIMATE & VARIABLE.
8. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
   - ≤ .5 [12.7] SEAL DIAMETER: Ø .035 [0.9] MAX ALLOWED VOID SIZE
   - > .5 [12.7] SEAL DIAMETER: Ø .050 [1.5] MAX ALLOWED VOID SIZE
9. REF-OPERATING TEMPERATURE RANGE -20 C TO 80 C.
10. DIMENSIONS ARE IN INCHES [millimeters].
11. 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>5</td>
<td>1</td>
<td>0102</td>
<td>NUT VS32-SS</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>-231 VITON</td>
<td>O-RING -231 VITON 75</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>5103 CABLE</td>
<td>CABLE ASSEMBLY 13PR #26 XLPE SHIELDED PVC JACKET 22 PIN D-SUB BOTH ENDS</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>0101</td>
<td>HOUSING VS32-SS</td>
</tr>
</tbody>
</table>

### Cable Assembly Diagram

- **VS32-SS-150-26- XLPE 26-20T-97T**
- **Part Number:** 5103
- **Surface Finish:** 1 DEGREE 128 microinch RMS
- **Revision:** VS32-SS-150-26-XLPE26-20T-97T
- **Dimensions and Tolerances:**
  - All dimensions and tolerances apply to finished part unless otherwise noted.  
  - Allowable tolerances unless specified otherwise equal ± .015.  
  - Machined surface squareness to square.  
  - Dimensions are in inches [millimeters].  
  - Angles noted.
  - Cable assembly 13PR #26 XLPE SHIELDED PVC JACKET 22 PIN D-SUB BOTH ENDS.

**Materials:**
- Atmosphere: Vinyl
- Vacuum: Viton

**Dimensions:**
- Cable Assembly: 26 pin D-sub both ends
- Installation Port: 32

**Specifications:**
- He leak test @ 1 ATM. 1X10^-6 CC/SEC OR LESS.
- Green paint dot indicates the part has passed the test.
- Continuity test < 1.0 Ohm Pin to Pin with mating connectors.
- Alcohol or Fomblin VAC 3 may be used to lubricate O-rings for vacuum helium leak testing.
- All tests are performed at room temperature.
- All parts must pass all tests.
- Cable positioning is approximate & variable.
- Cosmetic surface voids not on O-ring sealing surfaces are acceptable based on the seal's diameter.
- Dimension range: -20°C to 80°C.

**Notes:**
- All dimensions and tolerances apply to finished parts unless otherwise noted.  
- Allowable tolerances unless specified otherwise equal ± .015.  
- Machined surface squareness to square.  
- Dimensions are in inches [millimeters].  
- 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.