### 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. ALCOHOL OR FORMBLIN VAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
3. HYPOT 630 VDC 500 MEG OHMS MINIMUM 0.01 SECOND MINIMUM CONTACT TO CONTACT TO CONNECTOR SHELL AND HOUSING WITH MATING CONNECTORS.
4. CONTINUITY TEST <0.5 Ohm MATING CONNECTOR TO MATING CONNECTOR AND CONNECTOR SHELL TO CONNECTOR SHELL.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. COSMETIC SURFACE VOIDS SMALLER THAN ø 0.035 (0.89) ARE ACCEPTABLE.
8. DIMENSIONS ARE INCHES (millimeters).
9. REF-OPERATING TEMPERATURE -40°C TO 85°C.
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.

### Item, QTY, Part Number, Description:

<table>
<thead>
<tr>
<th>Item</th>
<th>QTY</th>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>0102</td>
<td>NUT VS32-SS</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>-231 VITON LT</td>
<td>O-RING -231 VITON LOW-TEMP 75</td>
</tr>
<tr>
<td>4</td>
<td>12</td>
<td>3341-31</td>
<td>JACK SOCKET M2.5 MALE/#4-40 FEMALE SS</td>
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<tr>
<td>3</td>
<td>10</td>
<td>10226-6212PC</td>
<td>CONNECTOR RCP PT MDR 26 POS STRAIGHT PCB MOUNT</td>
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<tr>
<td>2</td>
<td>1</td>
<td>PAVE-Seal 150</td>
<td>EPOXY BLACK</td>
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<tr>
<td>1</td>
<td>1</td>
<td>0101</td>
<td>HOUSING VS32-SS</td>
</tr>
</tbody>
</table>

### Diagram:

- **Pinout (3x)**
  - ATM: 1, 11, 21, 31, 41
  - VAC: 1, 12, 22, 32, 42

- **Atmosphere**
  - VS32-SS-150-3-MDR26-MDR26

- **Vacuum**
  - [82.6] ø3.25

- **VS32 Installation Port**
  - [10.4] ø.41
  - [63.63] ø2.505
  - [82.6] ø3.25
  - [6.4] ø1.00
  - [57.2] ø2.25
  - [8.6±3] 6X .34±12
  - [21.3] 2.5
  - [.84] .10
  - [.2] .10
  - [.10] .10

### Material:
- 301 VITON LT
- 1 VITON LOW-TEMP 75
- EPoxy Black
- Black

### Dimensional Review:
- All dimensions and tolerances are in inches and millimeters. Dimensions ±0.005, unless noted otherwise.
- Angles noted.

### Notesenson:
- 0.035 [0.89] ARE COSMETIC SURFACE VOIDS SMALLER THAN ø 0.035 (0.89) ARE ACCEPTABLE.
- COSMETIC SURFACE VOIDS SMALLER THAN ø 0.035 (0.89) ARE ACCEPTABLE.
- All parts must pass all tests.
- Dimensions are inches (millimeters).
- Refer-Operating temperature -40°C to 85°C.
- Paveseal can be a bi-directional hermetic seal for vacuum and most pressures. For pressures above 150 psi (10 bar), check with sales engineering.