1. The leak test at 1 ATM 1X10^-6CC/SEC or less. A green paint dot indicates the part has passed this test.
2. Hypot 1000 VDC, 500 megaroms minimum 0.01 second minimum, contacts to contacts & housing with mating plugs.
3. All tests are performed at room temperature.
4. All parts must pass all tests.
5. Continuity <1 ohm pin to socket.
6. Voids smaller than Ø0.035 [0.89] are acceptable.
7. Alternate clocking (W, X, or Y) is indicated by appending the appropriate letter to the part number. Pave order code & items 2, 3, 9, & 10.
8. Ref-operating temperature -20°C to 125°C.
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.
10. Dimensions are inches [millimeters].
11. Items 8 & 9 are listed but not shown.
12. Alcohol or Fomblin Yvac 3 may be used to lubricate O-rings for vacuum helium testing.

**NOTES:**

**TABLE:**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>PART #</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>1</td>
<td>SC3126F14-19P**</td>
<td>PLUG 19#20 PIN</td>
</tr>
<tr>
<td>8</td>
<td>1</td>
<td>SC3126F14-19S*</td>
<td>PLUG 19#20 SOC</td>
</tr>
<tr>
<td>7</td>
<td>1</td>
<td>1014</td>
<td>NUT VS18-SS</td>
</tr>
<tr>
<td>6</td>
<td>4</td>
<td>1608-25</td>
<td>SCREW #4-40x.25 BH SOC SS</td>
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<tr>
<td>5</td>
<td>1</td>
<td>-219 VITON</td>
<td>O-RING -219 VITON 75</td>
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<tr>
<td>4</td>
<td>A/R</td>
<td>PAVE-Seal 150</td>
<td>EPOXY BLACK</td>
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<tr>
<td>3</td>
<td>1</td>
<td>SC3112E14-19S*</td>
<td>RCPT 19#20 SOC</td>
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<tr>
<td>2</td>
<td>1</td>
<td>SC3112E14-19P*</td>
<td>RCPT 19#20 PIN</td>
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<tr>
<td>1</td>
<td>1</td>
<td>3324</td>
<td>HOUSING VS18-SS</td>
</tr>
</tbody>
</table>

**DIMENSIONS:**

- Atmosphere: [48.3] Ø1.90
- Vacuum: [43.9] Ø1.73
- VS18 Installation Port: [40.6] Ø1.60

**Allowable Tolerances:**

- +0.01
- +0.00
- ±0.1
- ±0.25
- ±0.5
- ±0.15
- ±0.10
- ±0.02
- ±0.05