### Notes:
1. HE leak test @1 ATM. <10^-7 CC/S.
2. HYPO 630 VDC 500 MW 0.01 SEC. MINIMUM, PIN TO PIN & HOUSING.
3. All tests are performed at room temperature.
4. Percentage of parts tested will be 100% (may be a lesser percentage for large production quantities, unless otherwise noted or required).

### Dimensions and Tolerances
- All dimensions and tolerances apply to finished part in inches.
- Angles +/- 1 deg.
- Surface finish 128 microinch RMS.
- X decimal +/-0.1, XX decimal +/-0.02, XXX decimal +/-0.005.
- Allowable tolerances unless specified otherwise: none +/-0.5.

### Notes on Dimensions
- (1.906) hex
- (1.75 hex STK)
- (3.4)
- (1.730)
- (0.84 MAX)
- (0.10 MIN)

### Assembly Scale
- Completed assembly
- Scale 1:2

### Assembly Diagram
![Assembly Diagram]

### Part List
<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>SC3126F16-8P</td>
<td>PLUG 8 #16 PINS</td>
</tr>
<tr>
<td>8</td>
<td>1</td>
<td>SC3126F16-8S</td>
<td>PLUG 8 #16 SOCKETS</td>
</tr>
<tr>
<td>7</td>
<td>A/R</td>
<td>SUPER-O-LUBE</td>
<td>LUBRICANT O-RING SILICONE BASED</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>.219 VITON</td>
<td>O-RING .219 VITON 75</td>
</tr>
<tr>
<td>5</td>
<td>A/R</td>
<td>PAVE-Seal 150</td>
<td>EPOXY BLACK</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>SC312LEX16-8S</td>
<td>RCPT 3112 &amp; #16 SOCKETS</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>SC312E16-8P</td>
<td>RCPT 3112 8 #16 PINS</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>1014 VS18 NUT</td>
<td>NUT VS18-SS</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>0660 VS18-SS</td>
<td>HOUSING VS18-SS</td>
</tr>
</tbody>
</table>

### Additional Notes
- ATMOSPHERE
- VACUUM
- Ø1.906
- Ø1.97
- (3.4)
- (1.75-12 UNF-2A)
- (1.730)
- (0.38)
- (0.62)
- (0.5)
- (0.88)
- (0.10 MIN)
- (0.84 MAX)

### Specifications
- VS18-SS-150-8-16-3112PS
- 1715