NOTES:
1. HE LEAK TEST VACUUM 10^-7 CC/SEC OR LESS.
2. HYPO T630 VDC 500 MEG OHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. POLARITY STRIPE WILL BE CONNECTED TO POSITION ONE ON BOTH ITEMS 4 & 5.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. CABLE IS NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL.
7. NO voids are acceptable on O-RING SEALING SURFACES. voids smaller than 0.035 [0.89] are acceptable on all other surfaces.
8. REF-OPERATING TEMPERATURE -20°C TO 125°C.
9. DIMENSIONS ARE IN INCHES [millimeters].
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.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>6</td>
<td>1</td>
<td>-139 VITDN</td>
<td>O-RING -139 VITDN 75</td>
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<tr>
<td>5</td>
<td>1</td>
<td>5786090-7</td>
<td>PLUG SOLDER PIN D5SUB 68 POS</td>
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<tr>
<td>4</td>
<td>1</td>
<td>5390378-7</td>
<td>RC PT 68PO5 .050 SERIES TYCO</td>
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<tr>
<td>3</td>
<td>1</td>
<td>3854</td>
<td>CABLE RIBBON FEP 68/ #30 SOLID</td>
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<td>2</td>
<td>A/R</td>
<td>PAVE-Seal 150</td>
<td>EPOXY BLACK</td>
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<tr>
<td>1</td>
<td>1</td>
<td>3855</td>
<td>PLATE TOP SS PAVE-Seal 150</td>
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</tbody>
</table>

MINIMUM WIRE TO WIRE AND HOUSING.
POLARITY STRIPE WILL BE CONNECTED TO POSITION ONE ON 3.
BOTH ITEMS 4 & 5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
CABLE IS NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL.
NO voids are acceptable on O-RING SEALING SURFACES. voids smaller than 0.035 [0.89] are acceptable on all other surfaces.

SP64/20 INSTALLATION PORT:
2X #8-32 UNC 3/8 MIN MUST NOT BREAK THRU.

SCALE 2 : 1