NOTES:

1. HE LEAK TEST VACUUM 10X10^-7 CC/SEC OR LESS.
2. HYPOT 630 VDC 500 MΩ MINIMUM 0.01 SECOND MINIMUM PIN TO PIN TO SHELL AND HOUSING WITH MATING CONNECTORS.
3. CONTINUITY TEST WITH MATING CONNECTORS < .5 Ω: PIN TO SOCKET AND PLUG SHELL TO RECEPTACLE SHELL.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. VOIDS LARGER THAN ∅ 0.035 [0.89] ARE NOT ACCEPTABLE.
7. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
8. DIMENSIONS ARE INCHES (millimeters).
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. FOR CONNECTOR CLOCKING, ADD THE CLOCKING LETTER TO THE END OF THE PART NUMBER AND THE CONNECTOR (PLUG & RECEPTACLE) PART NUMBERS: N FOR NORMAL, OR A, B, C, ETC.
11. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS.

CONNECTIONS OPTIONS TABLE (PINS/ SOCKETS)

<table>
<thead>
<tr>
<th>PART#</th>
<th>4457SP</th>
<th>4457PS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLUG #</td>
<td>26FJ 37S</td>
<td>26FJ 37S</td>
</tr>
<tr>
<td>RC.PT#</td>
<td>20FJ 37P</td>
<td>20FJ 37P</td>
</tr>
</tbody>
</table>

FOR CLOCKING, SEE NOTE 10

2.75 69.9 \( \Phi 2.75 \)
1.00 25.4 \( \Phi 2.48 \)
2.25 57.2 \( \Phi 4.7 \)
4.7 119 [10] 0.4
2.50 63.5 \( \Phi 2.1 \)
2.1 60.9 \( \Phi 0.25 \)

PLUG 37#16

A/R PAVE-Seal 150 EPOXY BLACK

PLUG 37#16

Housing VS26-SS

NUT VS26-SS

JAMES R. ROGERS

FEBRUARY 20, 2000

4457SP 4457PS