NOTES:
1. HE LEAK TEST @ 1 ATM. 1X10^-8 CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOPT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING WITH MATING CONNECTORS.
3. CONTINUITY TEST 0.5 OHM MAXIMUM MATING CONNECTOR TO MATING CONNECTOR.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
   <= .5 [12.7] SEAL DIAMETER: .035 [.89] MAX ALLOWED VOID SIZE
   > .5 [12.7] SEAL DIAMETER: .060 [1.5] MAX ALLOWED VOID SIZE
7. REF-OPERATING TEMPERATURE RANGE -20 C TO 125 C.
8. DIMENSIONS ARE INCHES [millimeters].
9. 3702R IS REVERSED WITH ITEM 1 (PINS) ON THE VACUUM SIDE & ITEM 2 (SOCKETS) ON THE ATMOSPHERE SIDE.
10. ALCOHOL OR FOMBLIN Vac 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
11. 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
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7 1 3461 PLATE TOP SS 9 PIN DSUB
6 1 -026 VITON O-RING -026 VITON 75
5 4 JACKPOST 2-56 "P" STYLE 2-56 UNC
4 2 YARDLEY #440AS-8 THREADED INSERT SS
3 A/R PAVE-SEAL 150 EPOXY BLACK
2 1 M83513/02-BN CONNECTOR 15 SOC 83513
1 1 M83513/01-BN CONNECTOR 15 PIN 83513

SP30/13 INSTALLATION PORT

SEE NOTE 9

SP30/13-E-150-15-25-M83513