NOTES:
1. WE LEAK TEST @ 1 ATM X10^-8 CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
3. HYPOT 1000 VDC 600-MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND CONNECTOR FLANGES WITH 3.
4. MATING CONNECTORS. CONTINUITY TEST <0.1 OHM PINS TO SOCKETS WITH MATING CONNECTORS. 5.
5. REF-CONNECTOR CONTACT MAXIMUM RESISTANCE SEE TABLE. 6.
6. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE. 7.
7. ALL PARTS MUST PASS ALL TESTS. 8.
8. NO COSMETIC SURFACE Voids ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE Voids SMALLER THAN Ø0.035 (0.89) ARE ACCEPTABLE ON ALL OTHER SURFACES.
10. OPERATING TEMPERATURE -59 C TO 120 C. 11.
11. ASSEMBLY SHIPS WITH MATING CONNECTORS [ITEMS 2 & 3], FASTENERS [ITEM 8], & A SPARE O-RING [ITEM 4] LOOSE.

PAVE# | ITEM 2 | ITEM 2 DESCRIPTION | ITEM 3 | ITEM 3 DESCRIPTION | [CONTACT RESISTANCE]
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4663 | DD50P-SS | PLUG D-SUB 50PIN PCT UL 94V-0 INSULATOR, PASSIVATED SS SHELL, GOLD OVER NICKEL PLATED COPPER ALLOY PINS W/SOLDER CUPS | DD50S-SS | RCPT D-SUB 50PIN SOC. PCT UL 94V-0 INSULATOR, PASSIVATED SS SHELL, GOLD OVER NICKEL PLATED COPPER ALLOY SOCKETS W/SOLDER CUPS | 7.5 mOHMS MAX
4663-1 | 171-050-103L001 | PLUG D-SUB 50 PIN PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS PINS W/SOLDER CUPS | 71-050-203L001 | RCPT D-SUB 50 SOCKET PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS SOCKETS W/SOLDER CUPS | 15 mOHMS MAX