NOTES:
1. HE LEAK TEST @ 1 ATM. 1X10^-7 CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYDRO TEST @ 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN AND HOUSING WITH MATING CONNECTORS.
3. CONTINUITY TEST <0.5 OHM PIN TO SOCKET WITH MATING CONNECTORS.
4. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. COSMETIC SURFACE Voids NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
   <= .5 [12.7] SEAL DIAMETER: ø .035 [.89] MAX ALLOWED VOID SIZE
   > .5 [12.7] SEAL DIAMETER: ø .060 [1.5] MAX ALLOWED VOID SIZE
8. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
9. ADDING "NP" TO THE PAVE PART NUMBER AND ORDER CODE INDICATES THAT ITEMS 7 & 8 ARE NOT INCLUDED (NO PLUGS).
10. DIMENSIONS ARE INCHES [millimeters].
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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8 | 1 | SC3116F10-6P | PLUG #20 PIN GOLD PLATED COPPER ALLOY SOLDER CUP CONTACTS, NICKEL PLATED ALUMINUM SHELL AND S/R
7 | 1 | SC3116F10-6S | PLUG #20 SOC GOLD PLATED COPPER ALLOY SOLDER CUP CONTACTS, NICKEL PLATED ALUMINUM SHELL AND S/R
6 | 1 | 0183 | NUT VS15-SS
5 | 1 | -215 VITON | O-RING -215 VITON 75
4 | 1 | AE771L10-65-460 | RCPT #20 GOLD PLATED COPPER ALLOY SOCKETS, EPOXY INSERT, NICKEL PLATED ALUMINUM SHELL
3 | 1 | SC3112E10-6P | RCPT #20 GOLD PLATED COPPER ALLOY PINS, NEOPRENE INSERT, NICKEL PLATED ALUMINUM SHELL
2 | 1 | PAVE-Seal 150 | EPOXY BLACK
1 | 1 | 0161 | HOUSING VS15L-SS

*SEE NOTE 9
*SEE NOTE 9
*SEE NOTE 9
*SEE NOTE 9

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART INCHES. ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART INCHES. ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART INCHES. ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART INCHES. ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE

0.5 X.X DECIMAL
0.1 X.XX DECIMAL
0.02 X.XXX DECIMAL
0.005