NOTES:
1. HE LEAK TEST @ 1 ATM. 1X10^-8 CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOX 1000 VDC 300 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: .035 [.89] MAX ALLOWED VOID SIZE
   - > .5 [12.7] SEAL DIAMETER: .060 [1.5] MAX ALLOWED VOID SIZE
9. ADDING "NP" TO THE PAVE PART NUMBER & ORDER CODE INDICATE THAT ITEMS 7, 8, & 9 ARE NOT TO BE INCLUDED (NO PLUGS).
10. REF-OPERATING TEMPERATURE RANGE SEE TABLE.
11. DIMENSIONS ARE INCHES [millimeters].
12. 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
9 2 M85049/S2-1-22N STRAIN RELIEF CLAMP SHELL SIZE 22, STRAIGHT, NON SELF-LOCKING, NICKEL PLATED ALUMINUM.
8 1 MS3476L22-21S PLUG 21 #16 GOLD PLATED COPPER ALLOY CRIMP SOCKETS, RIGID DIELECTRIC INSERT, SILICONE GROMMET, NICKEL PLATED ALUMINUM SHELL.
7 1 AE776L22-21P513 PLUG 21#16 GOLD PLATED COPPER ALLOY CRIMP PINS, EPOXY INSERT, NICKEL PLATED ALUMINUM SHELL.
6 1 0199 NUT VS22-SS (31655).
5 1 SEE TABLE
4 1 PAVE-Seal 150 EPOXY BLACK.
3 1 SC3112E22-21P RCPT 21#16 GOLD PLATED COPPER ALLOY PINS, NEOPRENE INSERT, NICKEL PLATED ALUMINUM SHELL.
2 1 AE771L22-21SP460 RCPT 21#16 GOLD PLATED COPPER ALLOY SOCKETS, EPOXY INSERT, NICKEL PLATED ALUMINUM SHELL.
1 1 3388 HOUSING VS22-SS.

PART NUMBER
1667

PAGES 1-4 OF 5