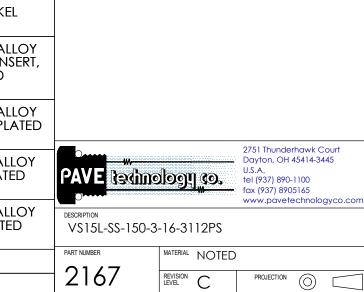


NOTES:

- HE LEAK TEST @ 1 ATM 1X10^-6 CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
- HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN & HOUSING WITH MATING CONNECTORS.
- CONTINUITY TEST < 0.5 OHM PIN TO SOCKET WITH MATING CONNECTORS.
- ALL TEST ARE PERFORMED AT ROOM TEMPTERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER: <= .5 [12.7] SEAL DIAMETER: \emptyset .035 [.89] MAX ALLOWED VOID SIZE > .5 [12.7] SEAL DIAMETER: \emptyset 0.060 [1.5] MAX ALLOWED VOID SIZE
- REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C. DIMENSIONS ARE INCHES [millimeters].
- ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
- 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 |
|------|-----|-----------------|--|
| 1 | A/R | PAVE-Seal 150 | EPOXY BLACK |
| 2 | 1 | SC3112E12-3P | RCPT 3#16 GOLD PLATED COPPER ALLOY PINS, NEOPRENE INSERT, NICKEL PLATED ALUMINUM SHELL |
| 3 | 1 | AE771L12-3S-460 | RCPT 3#16 GOLD PLATED COPPER ALLOY SOCKETS, EPOXY INSERT, NICKEL PLATED ALUMINUM SHELL |
| 4 | 1 | AE776L12-3P-460 | PLUG 3#16 GOLD PLATED COPPER ALLOY CRIMP PINS, EPOXY INSERT, NICKEL PLATED ALUMINUM SHELL |
| 5 | 1 | MS3476L12-3S | PLUG 3#16 GOLD PLATED COPPER ALLOY CRIMP SOCKETS, RIGID DIELECTRIC INSERT, SILICONE GROMMET, NICKEL PLATED ALUMINUM SHELL |
| 6 | 2 | M85049/52-1-12N | STRAIN RELIEF CLAMP SHELL SIZE 12, STRAIGHT, NON SELF-LOCKING, NICKEL PLATED ALUMINUM |
| 7 | 1 | 0161 | HOUSING VS15L-SS |
| 8 | 1 | -215 VITON | O-RING -215 VITON 75 |
| 9 | 1 | 0183 | NUT V\$15-\$\$ |



ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES. ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE ± 0.5 X.X DECIMAL $\pm 0.1\,$ X.XX DECIMAL $\pm 0.02\,$ X.XXX DECIMAL $\pm 0.005\,$ ANGLES $\pm 1\,$ DEGREE SURFACE FINISH 128 microinch RMS