



NOTES:

1. HE LEAK TEST @1 ATM. 10×10^{-7} CC/S OR LESS.
2. HYPOT 630 VDC 500 MΩ 0.01 SEC MINIMUM, CENTER CONDUCTOR TO SHELL & HOUSING W/MATING CONNECTORS.
3. CONTINUITY TEST RECEPTACLE TO RECEPTACLE <0.5 Ω.
4. 1518: AC HYPOT 5000 VAC, 1 SECOND CENTER CONDUCTOR TO SHELL & HOUSING AND SHELL TO HOUSING 5 mA MAXIMUM LEAKAGE.
1518-1: DC HYPOT 7000 VDC, 1 MINUTE CENTER CONDUCTOR TO SHELL & HOUSING AND SHELL TO HOUSING 1uA MAX LEAKAGE.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. FINISH APPLIES TO SPOTFACE FOR O-RING SEAL ONLY.
8. DIMENSIONS ARE INCHES [millimeters].
9. NO VOIDS LARGER THAN $\phi 0.035$ [0.89] ARE ACCEPTABLE.
10. REF - OPERATING TEMPERATURE RANGE: -20 TO 125°C.
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.
12. THESE PARTS ARE CLEANED IN A 1,1,1 TRICHLOROETHYLENE VAPOR THEN PACKAGED IN A LAMINAR FLOW HOOD PROVIDING AN ISO CLASS 5 (CLASS 100) ENVIRONMENT WITHIN THE WORK AREA.

5	1	0183	NUT VS15-SS
4	1	-215 VITON	O-RING -215 VITON 75
3	1	0161	HOUSING VS15L-SS
2	A/R	PAVE-Seal 150HV BLUE	EPOXY BLUE
1	2	SHV AMP#51494-2	SHV RECEPTACLE
ITEM	QTY	ITEM NUMBER	ITEM DESCRIPTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE +/-0.5
 .X DECIMAL +/- 0.1 .XX DECIMAL +/- 0.02 .XXX DECIMAL +/-0.005
 ANGLES +/- 1 DEG SURFACE FINISH 128 microinch RMS



DESCRIPTION PAVE-Mate® I Connectors
 VS15L-SS-150HV-1-SHV-SHV

PART NUMBER	REVISION LEVEL
1518	F
PROJECTION	