



NOTES:

1. HE LEAK TEST @1 ATM. 10×10^{-7} CC/S OR LESS.
2. HYPOT 630 VDC 500 MEGOHMS 0.01 SEC MINIMUM, PINS TO SOCKETS & THREADS W/MATING PLUGS.
3. CONTINUITY TEST PIN TO SOCKET < 1 OHM.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. NO VOIDS ARE ALLOWED ON O-RING SEALING SURFACES, VOIDS SMALLER THAN $\phi.035$ [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
7. THERMAL CYCLE PRIOR TO LEAK TESTING, -40°C TO 125°C , 3 CYCLES, 2 HR HOLD.
8. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C .
9. ITEMS 7 & 8 ARE INCLUDED (BUT NOT SHOWN) UNLESS "NP" IS ADDED TO PAVE PART NUMBER & ORDER CODE.
10. TORQUE LABEL- PAVE (1897) Dayton, OH USA TIGHTEN TO 27.12 Nm MAXIMUM
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#	DESCRIPTION
8	1	SC3116F10-6S	PLUG 6 #20 SOC ELECTROLESS NICKEL PLATED
7	1	SC3116F10-6P	PLUG 6 #20 PIN ELECTROLESS NICKEL PLATED
6	1	0183	NUT VS15-SS
5	1	-215 VITON	O-RING -215 VITON 75A
4	A/R	PAVE-Seal 150	EPOXY BLACK
3	1	0181	THREAD INSERT VS15L-SS
2	1	AE771L10-6S-460	RCPT 6 #20 SOC EPOXY INSERT ELECTROLESS NI
1	1	SC3112E10-6P	RCPT 6 #20 PIN ELECTROLESS NICKEL

PAVE technology co.
 2751 Thunderhawk Court
 Dayton, Ohio 45414-3445
 U.S.A.
 (937)890-1100
 fax (937)890-5165
 www.pavetechnologyco.com

DESCRIPTION **PAVE-Mate® I Connectors**
VS15L-E-150-6-20-3112PS

PART NUMBER ***SEE NOTE 9**
1897*

REVISION LEVEL **D**

PROJECTION

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