



- 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 $<0.5 \Omega$.
 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 $\phi 0.035$ [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
 7. REF-OPERATING TEMPERATURE -20°C TO 125°C .
 8. TORQUE LABEL -PAVE (1684) Dayton, OH USA TIGHTEN TO 27.12 Nm MAXIMUM
 9. THERMAL CYCLE PRIOR TO LEAK TESTING, -40°C TO 125°C 3 CYCLES, 2 HR HOLD.
 10. DIMENSIONS ARE INCHES [millimeters].

8	1	0183	NUT VS15-SS
7	A/R	PAVE-Seal 150	EPOXY BLACK
6	1	-215 VITON	O-RING -215 VITON 75A
5	1	0181	INSERT VS15L-SS
4	1	SC3116F12-14S	PLUG 14#20 ELECTROLESS NICKEL PLATED (SOLDER CUP SOCKET)
3	1	SC3116F12-14P	PLUG 14#20 ELECTROLESS NICKEL PLATED (SOLDER CUP PIN)
2	1	SC3112E12-14S	RCPT 14 #20 SOCKETS
1	1	SC3112E12-14P	RCPT 14 #20 PINS
ITEM	QTY	PART#	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

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PAVE technology co.

DESCRIPTION PAVE-Mate@I Connectors
VS15L-E-150-14-20-3112PS

PART NUMBER
1684

REVISION LEVEL
B

PROJECTION