



- NOTES:
1. HE LEAK TEST @1 ATM. 10×10^{-9} CC/S OR LESS.
 2. HYPOT 630 VDC 500 MΩ 0.01 SEC MINIMUM, PIN TO PIN WITH MATING PLUGS.
 3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 4. ALL PARTS MUST PASS ALL TESTS.
 5. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN $\phi.035$ [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
 6. ALTERNATE CLOCKING (W, X, Y OR Z) IS INDICATED BY APPENDING THE APPROPRIATE LETTER TO THE PART NUMBER & PAVE ORDER CODE (E.G.: 1667X / VS22-E-150-21-16-3112PSX). THE SAME LETTER IS THEN ADDED TO ITEMS 1 THRU 4 (E.G.: SC3112E22-21PX).
 7. ADDING "NP" TO THE PART NUMBER & PAVE ORDER CODE INDICATES THAT ITEMS 3, 4, & 9 ARE NOT TO BE INCLUDED (E.G.: 1667NP).
 8. DIMENSIONS ARE INCHES [millimeters].
 9. 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.

9	2	M85049/52-1-22N	S/R FOR MS3476L22-21P & 21S
8	A/R	PAVE-Seal 150	EPOXY BLACK
7	1	0199	NUT VS22-SS (316SS)
6	1	-224 VITON	O-RING -224 VITON 75A
5	1	0225	THREAD INSERT VS22-SS
4	1	MS3476L22-21S	PLUG 21 #16 SOCS CRIMP 26482 SERIES II
3	1	AE776L22-21P460	PLUG 21#16 PIN EPOXY INSERT CRIMP
2	1	AE771L22-21S460	RCPT 21#16 EPOXY INSERT SOCKET
1	1	SC3112E22-21P	RCPT 21 #16 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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DESCRIPTION **PAVE-Mate® I Connectors** *SEE NOTES 6 & 7
VS22-E-150-21-16-3112PS*
 PART NUMBER *SEE NOTES 6 & 7
1667*
 REVISION LEVEL **F**
 PROJECTION