



NOTES:

1. HE LEAK TEST @1 ATM. 10×10^{-8} CC/S OR LESS.
2. HYPOT 630 VDC 500 MΩ 0.01 SEC MINIMUM W/MATING CONNECTORS.
3. ELECTRICAL CONTINUITY < 0.5 Ω PINS TO SOCKETS.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. REF-EPOXY INSERT IN ITEM 2 FOR LOWER OUTGASSING.
7. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN $\phi .035$ [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
8. DIMENSIONS ARE INCHES [millimeters].

9	2	M85049/52-1-16N	STRAIN RELIEF FOR AE776L16 & MS3476L16
8	1	MS3476L16-8S	PLUG 8#16 SOCKET
7	1	776L16-8P-460	PLUG 8#16 PIN EPOXY INSERT
6	1	-219 VITON	O-RING -219 VITON 75A
5	A/R	PAVE-Seal 150	EPOXY BLACK
4	1	1014	NUT VS18-SS
3	1	0115	INSERT THREAD VS18-SS
2	1	771L16-8S460	RCPT 8#16 EPOXY INSERT SOCKET
1	1	SC3112E16-8P	RCPT 3112 8 #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
VS18-E-150-8-16-3112PS

PART NUMBER **1837**

REVISION LEVEL **D**

PROJECTION