



NOTES:

1. a) LEAK TEST: 80 PSI, NO BUBBLES 10 SECONDS MINIMUM FOR 2966.
b) LEAK TEST: 1500 PSI, NO BUBBLES 5 SECONDS MINIMUM FOR 2966-1.
2. HYPOT 3 kVDC 100 MΩ 0.01 SEC MINIMUM, CENTER CONDUCTOR TO SHIELD & TO HOUSING. ALSO HYPOT 630 VDC 500 MΩ 0.01 SEC MINIMUM, CENTER CONDUCTOR TO SHIELD & SHIELD TO HOUSING.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. NO VOIDS LARGER THAN ø.035 [.89] ARE ACCEPTABLE.
6. REF-OPERATING TEMPERATURE -20°C TO 150°C.
7. CONTINUITY TEST WITH MATING PLUG <.5 Ω CENTER CONDUCTOR & SHIELD TO SOLDER CUPS.
8. DIMENSIONS ARE INCHES [millimeters].

6	1	AMPH# 27000	RCPT MHV UG-931 5 AMP
5	A/R	PAVE-Seal 150	EPOXY BLACK
4	2	AMP #66569-3	CONTACT SOLDER CUP #20
3	1	-116 VITON	O-RING -116 VITON 75
2	1	8L5N-SS NUT	NUT VS12-SS
1	1	1180	HOUSING VS12L-SS
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 II Connectors
VS12L-SS-150-1-MHV-SC

PART NUMBER **2966***

REVISION LEVEL **A**

PROJECTION