



NOTES:

1. HE LEAK TEST @1 ATM. 10×10^{-8} CC/S OR LESS.
2. HYPOT 630 VDC 500 MΩ 0.01 SEC MINIMUM, MATING CONNECTOR TO WIRE LEADS, SEE NOTE 3.
3. MATING CONNECTOR IS PLUG W/PIN CONTACTS EQUAL TO MS3116F14-19P.
4. CONTINUITY CHECK RECEPTACLE TO WIRE ENDS $<.05 \Omega$.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
8. NO VOIDS LARGER THAN $\phi.035$ [.89] ARE ACCEPTABLE.
9. DIMENSIONS ARE INCHES [millimeters].

17	19	DAT-29-502-1	MARKERS WIRE BRADY
16	4	4-40X.25 SCREW	SCREW4-40x.25-SS BUTTON SH
15	1	1014	NUT VS18-SS
14	1	-219 VITON	O-RING -219 VITON 75
13	1	E20 YELLOW	WIRE 20E MIL-W-16878/4 .010 7/#28
12	2	E20 WHITE	WIRE 20E MIL-W-16878/4 .010 7/#28
11	2	E20 VIOLET	WIRE 20E MIL-W-16878/4 .010 7/#28
10	2	E20 RED	WIRE 20E MIL-W-16878/4 .010 7/#28
9	2	E20 ORG	WIRE 20E MIL-W-16878/4 .010 7/#28
8	2	E20 GREEN	WIRE 20E MIL-W-16878/4 .010 7/#28
7	2	E20 GRAY	WIRE 20E MIL-W-16878/4 .010 7/#28
6	2	E20 BROWN	WIRE 20E MIL-W-16878/4 .010 7/#28
5	2	E20 BLUE	WIRE 20E MIL-W-16878/4 .010 7/#28
4	2	E20 BLACK	WIRE 20E MIL-W-16878/4 .010 7/#28
3	A/R	PAVE-Seal 150	EPOXY BLACK
2	1	SC3112E14-19S	RCPT 19#20 SOCKET
1	1	3324	HOUSING VS18-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
VS18-SS-150-19-TE20-3112S-120NP

PART NUMBER **1607**

REVISION LEVEL **B**

PROJECTION