



NOTES:

1. HE LEAK TEST @1 ATM. 10×10^{-8} CC/S OR LESS
2. ELECTRICAL TEST: HYPOT 630 VDC 500 MEGOHMS 0.01 SEC MINIMUM, PIN TO PIN & HOUSING. CONTINUITY TEST W/ MATING PLUGS < 0.5 OHM
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. ITEM 6 WITH ITEM 9 NOT SHOWN, BUT INCLUDED.
6. ASSEMBLY 1780R SHALL HAVE ITEMS 4 & 5 REVERSED FROM THAT SHOWN. THE DESCRIPTION SHALL BE VS18-SS-150-3-12-3102SP.
7. ETCH WITH EITHER "1780" OR "1780R".
8. DIMENSIONS ARE INCHES [millimeters].
9. NO VOIDS LARGER THAN $\phi 0.035$ [0.89] ARE ACCEPTABLE.
10. REF - OPERATING TEMPERATURE RANGE: -20 TO 125°C.
11. 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	MS3057-8AN	S/R FOR SC3108R16S-1
8	1	1014	NUT VS18-SS
7	A/R	PAVE-Seal 150	EPOXY BLACK
6	1	SC3106A16-10S	PLUG 3 #12 SOC
5	1	SC3106A16-10P	PLUG 3 #12 PIN
4	1	SC3102A16-10S	RCPT 3 #12 SOC
3	1	SC3102A16-10P	RCPT 3 #12 PIN
2	1	-219 VITON	O-RING -219 VITON 75
1	1	3207	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® I Connectors SEE NOTE 6**
VS18-SS-150-3-12-3102PS

PART NUMBER **1780** REVISION LEVEL **E**

PROJECTION