



NOTES:

- HE LEAK TEST @1 ATM.  $1 \times 10^{-8}$  CC/S OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
- HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SEC MINIMUM, PIN TO PIN & HOUSING WITH MATING CONNECTORS.
- CONTINUITY TEST PIN TO SOCKET < 0.5 OHM WITH MATING CONNECTORS.
- ALL TESTS ARE DONE AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
- DIMENSIONS ARE INCHES [millimeters].
- REF-OPERATING TEMPERATURE RANGE -20 TO 125°C.
- 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.
- COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:  
 <= .5 [12.7] SEAL DIAMETER:  $\phi$ .035 [.89] MAX ALLOWED VOID SIZE  
 > .5 [12.7] SEAL DIAMETER:  $\phi$ .060 [1.5] MAX ALLOWED VOID SIZE

9	2	MS3057-16AN	STRAIN RELIEF 5015 SHELL 24 NICKEL PLATED AL
8	1	SCP06DM24-10P	PLUG 7#8 PIN SILVER PLATED COPPER ALLOY SOLDER CUP CONTACTS NICKEL PLATED ALUMINUM SHELL
7	1	SCP06DM24-10S	PLUG 7#8 SOC SILVER PLATED COPPER ALLOY SOLDER CUP CONTACTS NICKEL PLATED ALUMINUM SHELL
6	1	0185	NUT VS26-SS
5	1	-226 VITON	O-RING -226 VITON 75
4	1	SCP02ZM24-10S	RCPT 7#8 SOC SILVER PLATED COPPER ALLOY CONTACTS NICKEL PLATED ALUMINUM SHELL
3	1	SCP02ZM24-10P	RCPT 7#8 PIN SILVER PLATED COPPER ALLOY CONTACTS NICKEL PLATED ALUMINUM SHELL
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	1531	HOUSING VS26-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



DESCRIPTION PAVE-Mate® I Connectors  
 VS26-SS-150-7-8-3102PS

PART NUMBER  
 1964

REVISION LEVEL F  
 PROJECTION