




NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10<sup>-6</sup> CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING WITH MATING CONNECTOR.
3. CONTINUITY TEST <0.5 OHM SOCKET TO WIRE END WITH MATING CONNECTOR.
4. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. EACH WIRE IS MARKED WITH A UNIQUE NUMBER CORRESPONDING TO THE RECEPTACLE POSITION, POSITIONS 32 THRU 37 ARE NOT USED.
8. COSMETIC SURFACE VOIDS SMALLER THAN Ø0.035 [0.89] ARE ACCEPTABLE.
9. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
10. DIMENSIONS ARE INCHES [millimeters].
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.

7	1	M85049/49-2-14N	STRAIN RELIEF 38999 SERIES I/II SHELL 15/14 NICKEL PLATED ALUMINUM
6	1	MS27467T15F35S	PLUG 37#22D SOC NICKEL PLATED ALUMINUM SHELL GOLD PLATED CRIMP CONTACTS
5	31	-	BRADY WIRE MARKERS (NUMBERS 1-31)
4	31	E24 BLACK	WIRE 24E MIL-W-16878/4 7/#32
3	1	MS27466T15F35P	RCPT 37#22D PIN NICKEL PLATED ALUMINUM SHELL GOLD PLATED COPPER ALLOY CONTACTS
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4962	HOUSING NW50-SS
ITEM	QTY	PART NUMBER	DESCRIPTION


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DESCRIPTION  
 NW50-SS-150-31-TE24-27466P-36

PART NUMBER	MATERIAL	NOTED
<b>4951</b>		
REVISION LEVEL	-	PROJECTION
		 

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.  
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE ±0.5  
 X.X DECIMAL ±0.1 X.XX DECIMAL ±0.02 X.XXX DECIMAL ±0.005  
 ANGLES ±1 DEGREE SURFACE FINISH 128 microinch RMS