



NOTES:

1. HE LEAK TEST @ 1 ATM. 1×10^{-6} 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 PIN 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 LETTER CORRESPONDING TO THE RECEPTACLE POSITION, ITEM 4 TO POSITIONS "A-U", ITEM 5 TO POSITIONS "V-c", ITEM 6 TO POSITIONS "d-e", POSITION "f" IS NOT USED.
8. COSMETIC SURFACE VOIDS SMALLER THAN $\phi 0.035$ [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.

9	1	M85049/49-2-24N	STRAIN RELIEF 38999 SERIES I/II SHELL 25/24 NICKEL PLATED ALUMINUM
8	1	MS27467T25F29S	PLUG 29#16 SOC NICKEL PLATED ALUMINUM SHELL GOLD PLATED CRIMP CONTACTS
7	28	-	BRADY WIRE MARKERS (LETTERS A-e)
6	2	E16 BLK	WIRE 16E MIL-W-16878/4 .010 19/#29
5	8	E18 BLK	WIRE 18E MIL-W-16878/4 7/#26
4	18	E22 BLK	WIRE 22E MIL-W-16878/4 .010 7/#30
3	1	MS27466T25F29P	RCPT 29#16 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

PAVE technology co.

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DESCRIPTION
NW50-SS-150-18/8/2-TE22/18/16-27466P-36

PART NUMBER
4952

MATERIAL NOTED

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