



NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10⁻⁷ CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 500 VDC 500 MEGAOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN WITH MATING CONNECTORS.
3. CONTINUITY TEST 0.5 Ohms MAXIMUM RESISTANCE PIN TO SOCKET WITH MATING CONNECTORS.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN $\phi 0.035$ [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
7. DIMENSIONS ARE INCHES [millimeters].
8. REF-OPERATING TEMPERATURE RANGE -20 °C TO 125 °C.
9. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.

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

ITEM	QTY	PART NUMBER	DESCRIPTION
6	1	-034 VITON 90	O-RING -034 VITON 90
5	8	320-9505-030	JACKPOST M17 MICRO
4	A/R	PAVE-Seal 150	EPOXY BLACK
3	2	M83513/04-H05N	CONNECTOR 100 SOC 83513
2	1	2866	PLATE TOP AL6061 2x 100 PIN MICRO-D ELECTROLESS NICKEL PLATING
1	2	M83513/01-HN	CONNECTOR 100 PIN 83513



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DESCRIPTION
 SP52/25-E-150-200-25-M83513

PART NUMBER 2766	MATERIAL NOTED
REVISION LEVEL F	PROJECTION