



NOTES:

1. HE LEAK TEST @ 1 ATM 1X10⁻⁷ CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 500 VDC 200 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING WITH MATING CONNECTOR.
3. CONTINUITY TEST <0.5 OHM MATING CONNECTOR TO WIRE ENDS.
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. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: Ø.035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: Ø.060 [1.5] MAX ALLOWED VOID SIZE
8. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
9. DIMENSIONS ARE INCHES [millimeters].
10. 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.

ITEM	QTY	PART NUMBER	DESCRIPTION
6	1	-026 VITON	O-RING -026 VITON 75
5	2	JACKPOST 2-56	"P" STYLE 2-56 UNC
4	31	TZ26 WHITE	WIRE 26 TEFLON M22759/32 19/#38
3	1	M83513-02-EN	CONNECTOR 31 SOCKET 83513 MICRO D
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	3174	HOUSING SP33/14-AL 6061 ELECTROLESS NICKEL PLATED

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DESCRIPTION
SP33/14-AL-150-31-TZ26-M83513-24

PART NUMBER	MATERIAL	NOTED
5891	REVISION LEVEL	A
	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