



NOTES:

1. HE LEAK TEST @1 ATM. 10^{-6} CC/S.
2. HYPOT 630 VDC 500 MEGAOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. CONTINUITY TEST 0.5 Ohms MAXIMUM RESISTANCE MATING CONNECTOR TO WIRE ENDS.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN $\phi 0.035$ ARE ACCEPTABLE ON ALL OTHER SURFACES.
6. PERCENTAGE OF PARTS TESTED WILL BE 100% (MAY BE A LESSER PERCENTAGE FOR LARGE PRODUCTION QUANTITIES, UNLESS OTHERWISE NOTED OR REQUIRED).
7. DIMENSIONS ARE INCH[MILLIMETER].
8. PAVE #2558NP IS WITHOUT MATING PLUG.

8	1*	M8351302-HN	CONNECTOR 100 SOC 83513 *SEE NOTE 8
7	A/R	SUPER O-LUBE	LUBRICANT O-RING SILICONE-BASED
6	2	JACKPOST 4-40	"P" STYLE 4-40 UNC
5	1	-027 VITON	O-RING -027 VITON 75
4	100@24	E26 WHITE	WIRE 26E MIL-W-16878/4 7/#34
3	A/R	PAVE-Seal 150	EPOXY BLACK
2		2593	PLATE TOP SS 100 PIN
1	1	M8351301-HN	CONNECTOR 100 PIN MIL-C-83513
ITEM	QTY.	PART NO.	DESCRIPTION

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

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DESCRIPTION
 SP43/11-E-80-100-E26-24-M8351301/HN

PART NUMBER
2558

MATERIAL NOTED
 REVISION LEVEL B
 PROJECTION