



- NOTES:
- HE LEAK TEST @ 1 ATM 10×10^{-8} CC/SEC OR LESS.
 - HYPOT 500 VDC 500 MEGAOHMS MINIMUM 0.01 SECOND MINIMUM MATING CONNECTOR TO MATING CONNECTOR.
 - CONTINUITY TEST 0.5 Ohms MAXIMUM RESISTANCE MATING CONNECTOR TO MATING CONNECTOR.
 - ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 - NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN $\phi 0.035$ ARE ACCEPTABLE ON ALL OTHER SURFACES.
 - ALL PARTS MUST PASS ALL TESTS
 - DIMENSIONS ARE INCHES [MILLIMETERS].
 - PART # 2575-1 HAS JACKPOSTS ON EACH SIDE.
 - FLATNESS INCLUDES TOPPLATE AND EACH RECEPTACLE FLANGE.

ITEM	QTY	PART NUMBER	DESCRIPTION
6	2	M8351303-G05N	CONNECTOR 51PIN MIL-C-83513
5	A/R	PAVE-Seal 150	EPOXY BLACK
4	1	-031 VITON	O-RING -031 VITON 75
3	4	JACKPOST 2-56	"P" STYLE 2-56 UNC
2	1	2595	PLATE TOP AL6061 51 PIN PAVE-MATE I ELECTROLESS NICKEL PLATED
1	2	M83513/02-GN	CONNECTOR 51SOC MIL-C-83513

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DESCRIPTION
SP36/24-E-150-102-25-M83513

PART NUMBER
2575

REVISION LEVEL
E

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