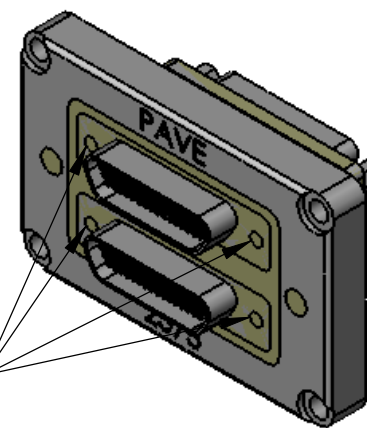


NOTES:

- HE LEAK TEST @ 1 ATM 1x10<sup>-7</sup> CC/SEC OR LESS. A GREEN PAINT DOT INDICATES PART HAS PASSED THE TEST.
- 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.
- ALL PARTS MUST PASS ALL TESTS.
- NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN Ø0.035 [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
- DIMENSIONS ARE INCHES [millimeters].
- PART# 2575-1 HAS NO JACKPOSTS ON THE ATMOSPHERE SIDE AND THE BOM QUANTITY FOR ITEM 4 CHANGES TO 4.
- FLATNESS INCLUDES TOP PLATE AND EACH RECEPTACLE FLANGE.
- PART# 2575R HAS ITEM 1 (SOCKETS) ON THE VACUUM SIDE AND ITEM 2 (PINS) ON THE ATMOSPHERE SIDE.
- ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.

FOR 2575-1:  
NO JACKPOSTS  
THIS SIDE  
SEE NOTE 8



PAVE# 2575-1

ITEM	QTY	PART NUMBER	DESCRIPTION
6	A/R	PAVE-Seal 150	EPOXY BLACK
5	1	-031 VITON	O-RING -031 VITON 75
4	8*	JACKPOST *SEE NOTE 8	"P" STYLE 2-56 UNC
3	1	2595	PLATE TOP AL6061 51 PIN PAVE-MATE I ELECTROLESS NICKEL PLATED
2	2	M83513/03-G05N	CONNECTOR 51 PIN 83513
1	2	M83513/02-GN	CONNECTOR 51 SOCKET 83513

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**PAVE** technology co.

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

PART NUMBER  
**2575**

MATERIAL NOTED

REVISION LEVEL  
H

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