



NOTES:

1. HE LEAK TEST VACUUM 10X10<sup>-8</sup> CC/SEC OR LESS.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. CONTINUITY TEST <60 MILLIOhms MATING CONNECTOR TO WIRE END.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
7. VOIDS SMALLER THAN  $\phi 0.035$  ARE ACCEPTABLE.
8. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON VACUUM SIDE OF HOUSING.
9. REF-OPERATING TEMPERATURE -30°C TO 125°C.
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.
11. DIMENSIONS ARE INCHES [millimeters].
12. ITEM 8 (NOT SHOWN), TO BE SHIPPED WITH PART.
13. WIRE COLORS ALTERNATE. FOR EXAMPLE, PIN 1 BLUE, PIN 2 BROWN, PIN 3 GREEN, PIN 4 BLUE.

8	1	AMP #745187-1	CONN DSUB 25S FEMALE -OR-EQUIVALENT-
7	8	E20 GRN NICKEL	WIRE 20E MIL-W-16878/25 7/#28
6	8	E20 BRN NICKEL	WIRE 20E MIL-W-16878/25 7/#28
5	9	E20 BLU NICKEL	WIRE 20E MIL-W-16878/25 7/#28
4	2	JACKPOST 4-40	"P" STYLE 4-40 UNC
3	A/R	PAVE-Seal 150	EPOXY BLACK
2	1	4373	HOUSINGSP44/13 AL 4047
1	1	4007-25	CONNECTOR D-SUB 25 PIN MALE
ITEM	QTY	PART #	DESCRIPTION

**PAVE technology co.**

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DESCRIPTION  
SP44/13-AL-150-25-TE20-DSUB25-24

PART NUMBER  
**4357**

MATERIAL NOTED

REVISION LEVEL  
D

PROJECTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.  
ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE  $\pm 0.5$   
X.X DECIMAL  $\pm 0.1$  X.XX DECIMAL  $\pm 0.02$  X.XXX DECIMAL  $\pm 0.005$   
ANGLES  $\pm 1$  DEGREE SURFACE FINISH 128 microinch RMS