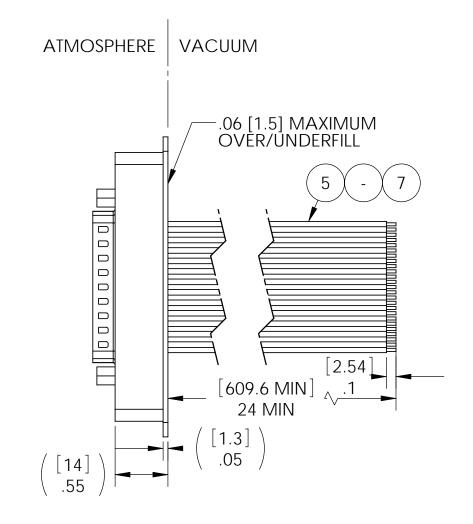


NOTES:

- HE LEAK TEST VACUUM 10X10^-8 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 \emptyset 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.
- WIRE COLORS ALTERNATE. FOR EXAMPLE, PIN 1 BLUE, PIN 2 BROWN, PIN 3 GREEN, PIN 4 BLUE.



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

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

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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 microjnch RMS