



- NOTES:
1. HE LEAK TEST VACUUM  $10 \times 10^{-7}$  CC/SEC OR LESS.
  2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
  3. CONTINUITY TEST: <0.5 OHM MATING CONNECTOR TO WIRE ENDS.
  4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
  5. ALL PARTS MUST PASS ALL TESTS.
  6. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
  7. NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN  $\phi 0.035$  [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
  8. REF-OPERATING TEMPERATURE  $-20^{\circ}\text{C}$  TO  $125^{\circ}\text{C}$ .
  9. DIMENSIONS ARE INCHES [millimeters].
  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. VACUUM BAKE OUT @  $120^{\circ}\text{C}$ .
  12. THESE PARTS ARE CLEANED IN A TRICHLOROETHYLENE (TCE) VAPOR THEN PACKAGED IN A LAMINAR FLOW HOOD PROVIDING AS ISO CLASS 5 (CLASS 100) ENVIRONMENT WITHIN THE WORK AREA.

6	2	JACKPOST 2-56	"P" STYLE 2-56 UNC
5	1	2592	PLATE TOP SS 51 PIN
4	1	-020 VITON	O-RING -020 VITON 75
3	51	E26 WHT/BLK STR	WIRE 26E MIL-W-16878/4 7/#34
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	M83513/01-GN	CONNECTOR 51PIN MIL-C-83513
ITEM	QTY	PART NUMBER	DESCRIPTION

**PAVE technology co.**

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DESCRIPTION  
SP31/10-E-80-51-E26-24-M8351301/GN

PART NUMBER  
**2557**

MATERIAL NOTED

REVISION LEVEL  
C

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