



**NOTES:**

1. HE LEAK TEST @ 1 ATM 10X10<sup>-7</sup> CC/SEC OR LESS.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN AND HOUSING.
3. ITEM 1 HAS AN ELECTRICAL CONNECTION TO ITEM 3.
4. CONTINUITY TEST: < 0.5 OHMS PIN TO WIRE BARREL.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN  $\phi 0.035$  [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
8. REF-OPERATING TEMPERATURE RANGE -20°C TO 105°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.

5	1	-027 VITON	O-RING -027 VITON 75
4	25	M39029/58-360	CONTACT #22D PIN
3	1	4007-25	CONNECTOR 25 PIN D-SUB TIN PLATED STEEL SHELL PBT INSULATOR Au PLATED BRASS PINS
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	3828	PLATE TOP SS DSUB 25 GROUNDED
<b>ITEM</b>	<b>QTY</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>

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DESCRIPTION  
SP44/13-E-150-25-20- DSUB- SC

PART NUMBER <b>3759</b>	MATERIAL NOTED
REVISION LEVEL A	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