



NOTES:

1. THE LEAK TEST VACUUM 10×10^{-7} CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THIS TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. POLARITY STRIPE WILL BE CONNECTED TO POSITION ONE ON BOTH ITEMS 4 & 5.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. CABLE IS NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL.
7. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 $\leq .5$ [12.7] SEAL DIAMETER: $\phi .035$ [.89] MAX ALLOWED VOID SIZE
 $> .5$ [12.7] SEAL DIAMETER: $\phi .060$ [1.5] MAX ALLOWED VOID SIZE
8. REF-OPERATING TEMPERATURE -20°C TO 125°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.

6	1	-139 VITON	O-RING -139 VITON 75
5	1	5786090-7	PLUG SOLDER PIN DSUB 68 POS
4	1	5390378-7	RCPT 68POS .050 SERIES TYCO
3	1	3854	CABLE RIBBON FEP 68/#30 SOLID
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	3855	PLATE TOP SS SP64/20
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION SP64/20-E-150-1-68RIB-12-6	
PART NUMBER 3810	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