



- 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. 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. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, 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.

ITEM	QTY	PART NUMBER	DESCRIPTION
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

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DESCRIPTION  
SP64/20-E-150-1-68RIB-36-36

PART NUMBER  
**3810**

MATERIAL NOTED

REVISION LEVEL -

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