



- NOTES:
1. HE LEAK TEST @ 1 ATM.  $1 \times 10^{-9}$  CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
  2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
  3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
  4. ALL PARTS MUST PASS ALL TESTS.
  5. WIRE POSITIONING IS APPROXIMATE & VARIABLE, WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
  6. 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
  7. REF-OPERATING TEMPERATURE RANGE  $-20^{\circ}\text{C}$  TO  $125^{\circ}\text{C}$ .
  8. DIMENSIONS ARE INCHES [millimeters].
  9. 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.

7	A/R	FOMBLIN YVAC 3	LUBRICANT O-RING FOMBLIN GREASE
6	2	4X1MM VITON	O-RING 4MM ID X 1MM CS VITON
5	1	E28 WHITE	WIRE 28E MIL-W-16878/4 .010 7/#36
4	1	E28 RED	WIRE 28E MIL-W-16878/4 .010 7/#36
3	1	E28 BLUE	WIRE 28E MIL-W-16878/4 .010 7/#36
2	1	E28 BLACK	WIRE 28E MIL-W-16878/4 .010 7/#36
1	A/R	PAVE-Seal 150	EPOXY BLACK
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION  
 SP4X-E-150-4-TE28-9.5-70

PART NUMBER  
**5702**

MATERIAL NOTED

REVISION LEVEL -

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