



DETAIL A  
SCALE 2 : 1

NOTES:

1. LEAK TEST: 2030 PSI, NO BUBBLES 30 SECONDS MINIMUM USING A -010 VITON O-RING AND A TEFLON BACKUP RING (NOT TO SHIP WITH THE PART). A GREEN PAINT DOT INDICATES PART HAS PASSED THE TEST.
2. HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
3. CONTINUITY TEST WIRES <64.2mΩ END TO END.
4. DIELECTRIC STRENGTH TEST: 1000VAC FOR 60 SECONDS .1mA LEAKAGE MAXIMUM.
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  $\phi 0.035$  [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
8. REF-OPERATING TEMPERATURE -74 °C TO 135 °C TO BE ACCOMPLISHED USING AN APPROPRIATELY RATE O-RING, SUCH AS -010 FLUOROSILICONE L1120-70.
9. DIMENSIONS ARE INCHES [millimeters].
10. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.002 [.05] MAXIMUM.
11. WIRE TO BE GENTLY BENT ON BOTH SIDES OF HOUSING TO CHECK FOR EXPOSED CONDUCTORS
12. 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 #	DESCRIPTION
3	1	ETFE24 BLACK	WIRE 24ETFE MIL-W-22759/43-24-0
2	1	ETFE24 RED	WIRE 24ETFE MIL-W-22759/43-24-2
1	A/R	PAVE-Seal 200UL94	EPOXY BLACK

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DESCRIPTION  
 SP6L-E-200UL94-2-ETFE24-20-8

PART NUMBER  
**3764**

MATERIAL NOTED  
 REVISION LEVEL F  
 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