



**NOTES:**

1. SPECIFY DESIRED LEAK TEST ON PURCHASE ORDER:
  - a.) 2000 PSI, NO N2 BUBBLES 30 SECONDS MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
  - b.) HE LEAK TEST @ 1 ATM.  $1 \times 10^{-6}$  CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST, ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING
2. INSERTION LOSS: <0.5 dB BETWEEN 1520nm & 1620nm, RETURN LOSS BETTER THAN -50 dB.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. COSMETIC SURFACE VOIDS SMALLER THAN  $\phi 0.035$  [0.89] ARE ACCEPTABLE.
6. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
7. DIMENSIONS ARE INCHES [millimeters].
8. 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	1	0894	NUT VS8-SS
6	1	-112 VITON	O-RING -112 VITON 75
5	1	SMF28	FIBER OPTIC SMF28 10/125 250 MICRON BUFFERED
4	2	M29504/15/4180C	CONTACT #16 SOC SMFO TERMINUS CERAMIC ALIGNMENT SLEEVE/125um FERRULE WITH UPC POLISH OR EQUAL
3	2	4568516H	RCPT FIBER SNAP-LOCK DELPHI
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	5059	HOUSING VS8L-SS
<b>ITEM</b>	<b>QTY</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>

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DESCRIPTION  
VS8L-SS-150-1-SMFO-SNAPLOCK

PART NUMBER <b>5086</b>	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