



**NOTES:**

1. LEAK TEST: 5,000 PSI, NO BUBBLES 2 MINUTES MINIMUM. ONLY FIBERS IN PT-8 HOUSING TESTED THEN ASSEMBLED IN TUBE.
2. TUBE AND SWAGelok FITTING RATED TO 5000 PSI.
3. OPTICAL CONTINUITY TEST, PART MUST CONTAIN 13 MINIMUM FIBERS WITH OPTICAL CONTINUITY AFTER ASSEMBLED IN TUBE.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. FIBER POSITIONING IS APPROXIMATE & VARIABLE.
7. VOIDS SMALLER THAN  $\phi .035$  [.89] ARE ACCEPTABLE.
8. REF-OPERATING TEMPERATURE -20 °C TO 200 °C.
9. DIMENSIONS ARE INCHES [millimeters].

7	A/R	PAVE-Seal 200	EPOXY BLACK
6	15	LXSIX TUBING	TUBING .012ID .030OD TEFLON
5	15	BF06160-12	FIBER SINGLE MODE 9/125/155 POLYIMIDE
4	1	0346	HOUSING PT-8 SS
3	1	SS-400-7-8	SWAGelok 1/4 PIPE TO 1/2 FEMALE NPT
2	1	SS-400-7-4	SWAGelok 1/4 PIPE TO 1/4 FEMALE NPT
1	1	3534	TUBING .25" OD 75CM LONG 5000 PSI SS
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION SO12L-SS-200-13-SMFO-2-1.7m	
PART NUMBER <b>3504</b>	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