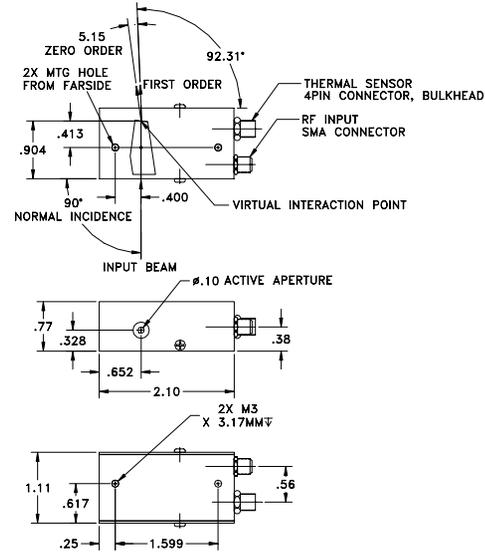


SPECIFICATIONS

AO Medium	TeO2
Acoustic Velocity	.68 mm/μs
Active Aperture*	2.5 mm Dia
RF Frequency Range	80-152 MHz
RF Bandpass (FWHM)	1115 KHz @ 515 nm
Wavelength Range	430-670 nm
VSWR	2.4 :1 Max
Input Impedance	50 Ohms Nominal
Insertion Loss	3 % Max
Temperature Sensitivity	0.05 nm/C
Diffacted Beam Collinearity, min deviation	0.01 degrees
Input Optical Polarization	Vertical
Output Optical Polarization	Horizontal
Max RF Power	3 W

Outline Drawing:

Package 97-02885-04-15r1



Document
04/23/08
Control

Notes:
 Simultaneous Diffraction, any 8 wavelengths
 Random Wavelength Access Time: < 1.5 usec (1 mm Beam Diameter)
 FWHM @ 515 = 3.5nm
 Max RF Power with 8 Simultaneous Frequencies = 3W

Special Testing	Min	Units	Max
Diffraction Efficiency (per wavelength input divergence < 2 mrad)	90	%	

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	Tom NG 4/18/2008	 DESCRIPTION: AOTF PCAOM 80-152 MHz Vert. Pol. 4X
MATERIAL:	CHK		
FINISH:	APP		
	APP		PART NUMBER: 97-02885-04
			REV: C
			SHEET 1 OF 1

*Active Aperture: Aperture over which performance specifications apply.