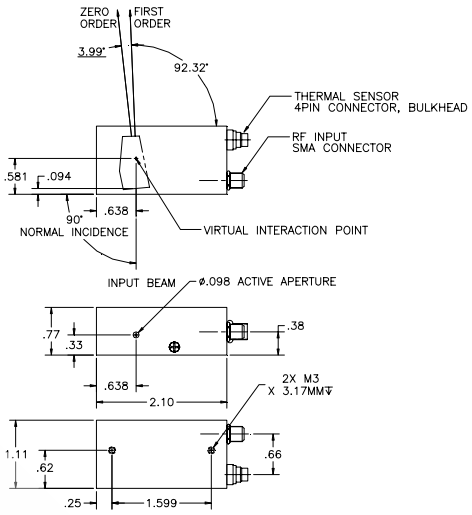
SPECIFICATIONS

AO Medium	TeO2
Acoustic Velocity	.68 mm/µs
Active Aperture*	2.5 mm Dia
RF Frequency Range	92-132 MHz
RF Bandpass (FWHM)	560 KHz @ 390 nm
Wavelength Range	351-430 nm
VSWR	2.4 :1 Max
Input Inpedance	50 Ohms Nominal
Insertion Loss	10 % Max
Temperature Sensitivity	0.05 nm/C
Diffracted Beam Collinearity, min deviation	0.01 degrees
Input Optical Polarization	Vertical
Output Optical Polarization	Horizontal
Max RF Power	1 watt

Outline Drawing: **Package 97-02837-31-15r1**



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Control

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

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

*Active Aperture: Aperture over which performance specifications apply.

TOLERANCES: .XX ± .01 .XXX ± .005	DR	G. Scholz 4/30/2009	Crystal Technology, Inc.
MATERIAL:	CHK		DESCRIPTION: AOTF PCAOM UV 351-430, 2X
FINISH:	APP		
	APP		PART NUMBER: 97-02837-31 / REV: C / SHEET 1 OF 1