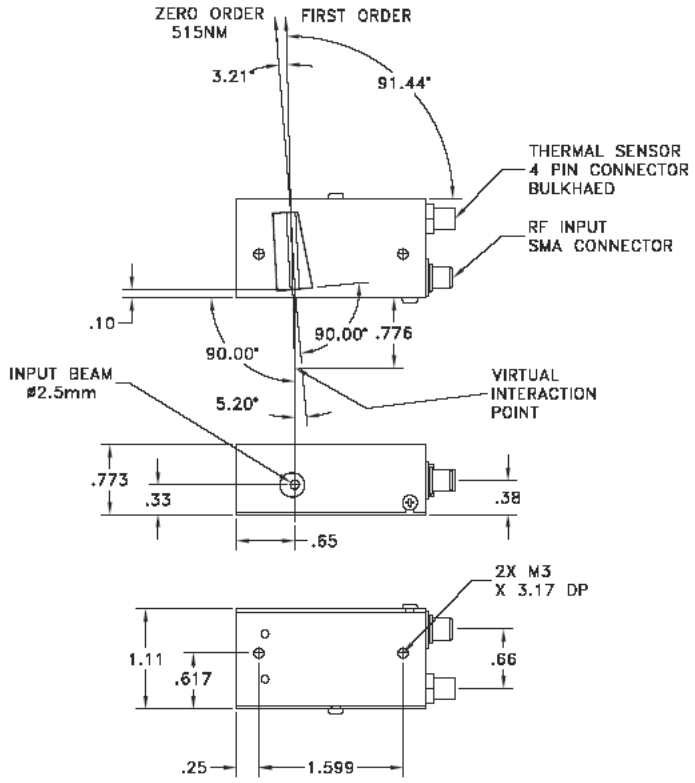
SPECIFICATIONS

AO Medium		TeO2
Acoustic Velocity		.68 mm/µs
Active Aperture*		2.5 mm Dia
RF Frequency Range		55-100 MHz
RF Bandpass (FWHM)	890 KHz @	405 nm
Wavelength Range		400-650 nm
VSWR		2.8 :1 Max
Input Inpedance	50	Ohms Nominal
Insertion Loss		5 % 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		2 watt

Outline Drawing: **Package 97-03151-01-15rB**



Notes:
Simultaneous Diffraction, any 8 wavelengths
Max RF Power with 8 Simultaneous Frequencies = 2W
VSWR 2.8:1 = 6.5 dB Return Loss.

Document

04/25/12

Control

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 4/5/2012	Crystal Technology, LLC
MATERIAL: RoHS Compliant	CHK		DESCRIPTION: **AOTF PCAOM** VIS 400-650
FINISH:	APP		
	APP		PART NUMBER: 97-03151-01 / REV: A / SHEET 1 OF 1