SPECIFICATIONS

AO Medium			Crystalline Quartz
Acoustic Velocity			5.74 mm/µs
Active Aperture*	9 mm 'L'	X .5	mm 'H'
Center Frequency (Fc)			125 MHz
Tuning Bandwidth			28 MHz
Input Impedance			50 Ohms Nominal
VSWR @ Fc			1.3 :1 Max
Wavelength			351-364 nm
Insertion Loss			2 % Max
Anti-Reflection Coating			MIL-C -48497
Optical Damage Threshold			> 200 W/mm^2
Contrast Ratio			100 :1 Min
Polarization			90 ° To Acoustic Wave

PERFORMANCE VS WAVELENGTH

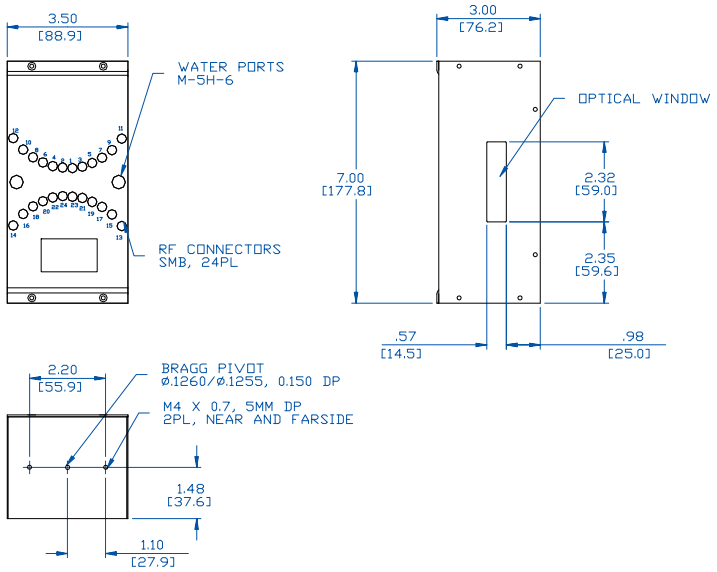
Wavelength (nm)	**Both**	**351**	**363**
Saturation RF Power (W)	4.5	4.3	4.5
Bragg Angle (mr)		3.8	4
Beam Separation (mr)		7.6	8

PERFORMANCE VS BEAM DIAMETER

Beam Diameter (µm)	**375**	**375**
at Wavelength (nm)	351	363
Diffraction Efficiency (%) min	85 typ	85 typ
Rise Time (nsec)	23	23

*Active Aperture: Aperture over which performance specifications apply.

Outline Drawing:



For Reference Only

TOLERANCES: .XX ± .01 .XXX ± .005	DR	G.Scholz 4/21/2005	Crystal Technology, Inc.
MATERIAL:	CHK		DESCRIPTION: AOMC 125/24-3
FINISH:	APP		
	APP		PART NUMBER: / REV: / SHEET 1 OF 1