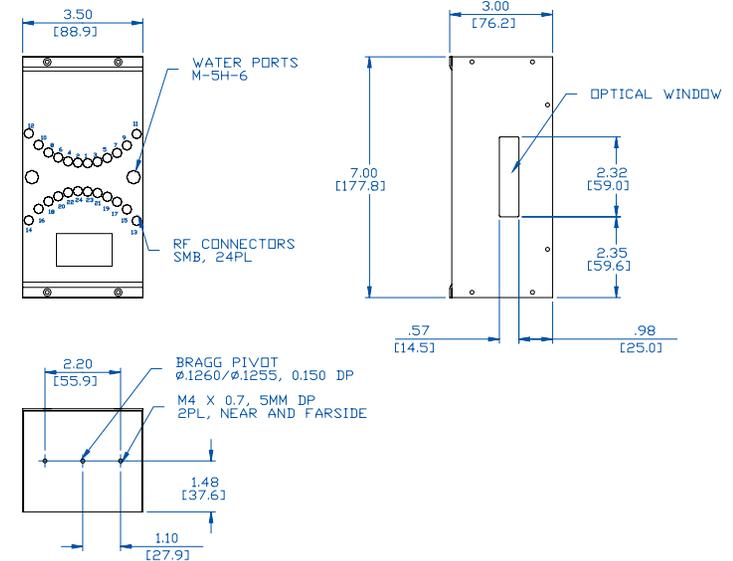


SPECIFICATIONS

AO Medium		Crystalline Quartz
Acoustic Velocity		5.74 mm/ μ s
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

Outline Drawing:



For Reference Only

Please contact our Sales staff for additional details.

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
<i>at Wavelength (nm)</i>	351	363
Diffraction Efficiency (%) min	85 typ	85 typ
Rise Time (nsec)	23	23

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

*Active Aperture: Aperture over which performance specifications apply.