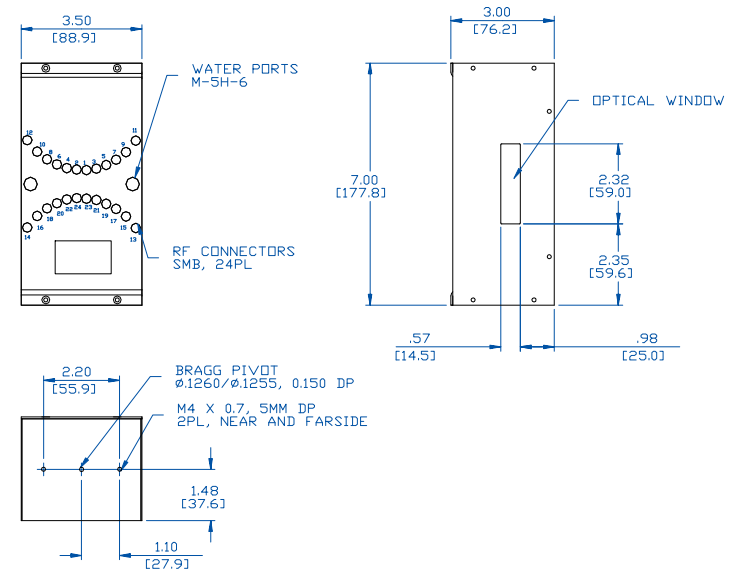


SPECIFICATIONS

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

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 (μ m)	375	375
at Wavelength (nm)	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.	
MATERIAL:	CHK		DESCRIPTION: AOMC 125/24-3	
FINISH:	APP		PART NUMBER:	REV:
	APP			

*Active Aperture: Aperture over which performance specifications apply.