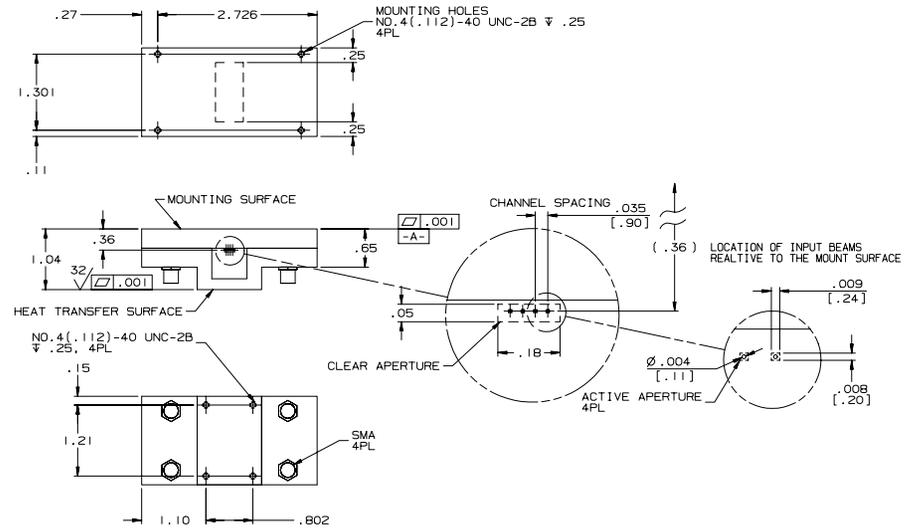


**SPECIFICATIONS**

AO Medium		Crystalline Quartz
Acoustic Velocity		5.74 mm/μs
Active Aperture*	.5 mm 'L' X	.24 mm 'H'
Center Frequency (Fc)		220 MHz
RF Bandwidth		60 MHz
Input Impedance		50 Ohms Nominal
VSWR @ Fc		1.5:1 Max
Wavelength		351-365 nm
Insertion Loss		3 % Max
Anti-Reflection Coating		MIL-C -48497
Optical Damage Threshold		200 MW/cm <sup>2</sup>
Contrast Ratio		100:1 Min
Polarization		Perpendicular ° To Acoustic Wave

**Outline Drawing:**



**For Reference Only**

**PERFORMANCE VS WAVELENGTH**

Wavelength (nm)	351	365
Operational RF Power (W)	2	2
Bragg Angle (mr)	6.7	7
Beam Separation (mr)	13.4	14

**PERFORMANCE VS BEAM DIAMETER**

Beam Diameter (μm)	110	110
at Wavelength (nm)	351	365
Diffraction Efficiency (%) min	83	83
Rise Time (nsec)	16	16

Please contact our Sales staff for additional details.

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	G. SCHOLZ 1/15/2003	<b>Crystal Technology, Inc.</b> DESCRIPTION: <b>AOMC 220-4</b>		
MATERIAL:	CHK				
FINISH:	APP				
	APP		PART NUMBER:	REV:	SHEET 1 OF 1

\*Active Aperture: Aperture over which performance specifications apply.