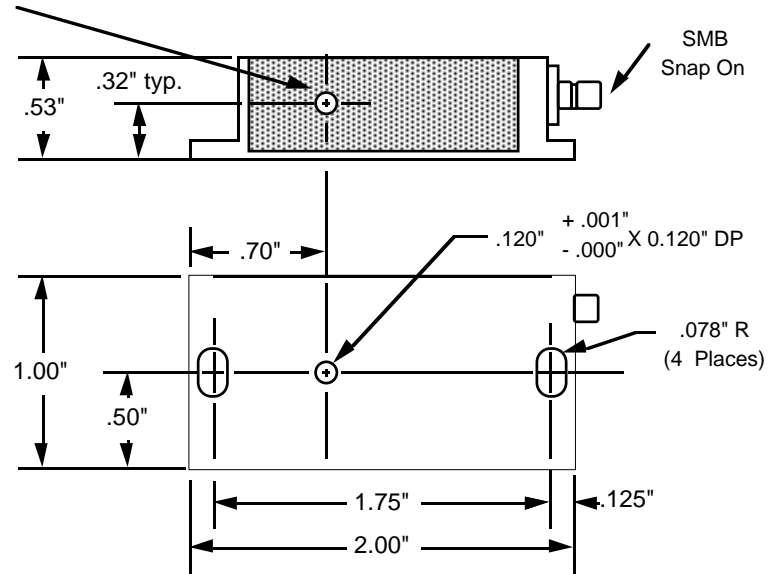


SPECIFICATIONS

AO Medium	Crystalline Quartz	
Acoustic Velocity	5.74 mm/μs	
Active Aperture*	2.5 mm 'L' X	.25 mm 'H'
Center Frequency (Fc)	200 MHz	
RF Bandwidth	100 MHz @	-5 dB Return Loss
Input Impedance	50 Ohms Nominal	
VSWR @ Fc	1.5:1 Max	
Wavelength	257 nm	
Insertion Loss	5 % Max	
Reflectivity per Surface	1 % Max	
Anti-Reflection Coating	MIL-C-48497	
Optical Power Density	N/A W/mm ²	
Contrast Ratio	1000:1 Min	
Polarization	90 ° To Mounting Plane	

Outline Drawing: Package Style 2B



For Reference Only

PERFORMANCE VS WAVELENGTH

Wavelength (nm)	257
Operational RF Power (W)	1.
Bragg Angle (mr)	4.5
Beam Separation (mr)	9

PERFORMANCE VS BEAM DIAMETER

Beam Diameter (μm)	70
<i>at Wavelength (nm)</i>	257
Diffraction Efficiency (%)	75
Rise Time (nsec)	10
Modulation Bandwidth	NA
Beam Ellipticity	NA

Notes:
 * Saturation RF Power is 1 Watts
 DE is measured @488, DE @488 ≥ 32%, 70 micron spot, 1 watt RF.

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	G. Scholz 4/10/2006	Crystal Technology, Inc. DESCRIPTION: AOMO 3200-1220 257 nm (UV)
MATERIAL:	CHK		
FINISH:	APP		PART NUMBER: 97-02513-01
	APP		REV: A
			SHEET 1 OF 1

*Active Aperture: Aperture over which performance specifications apply.