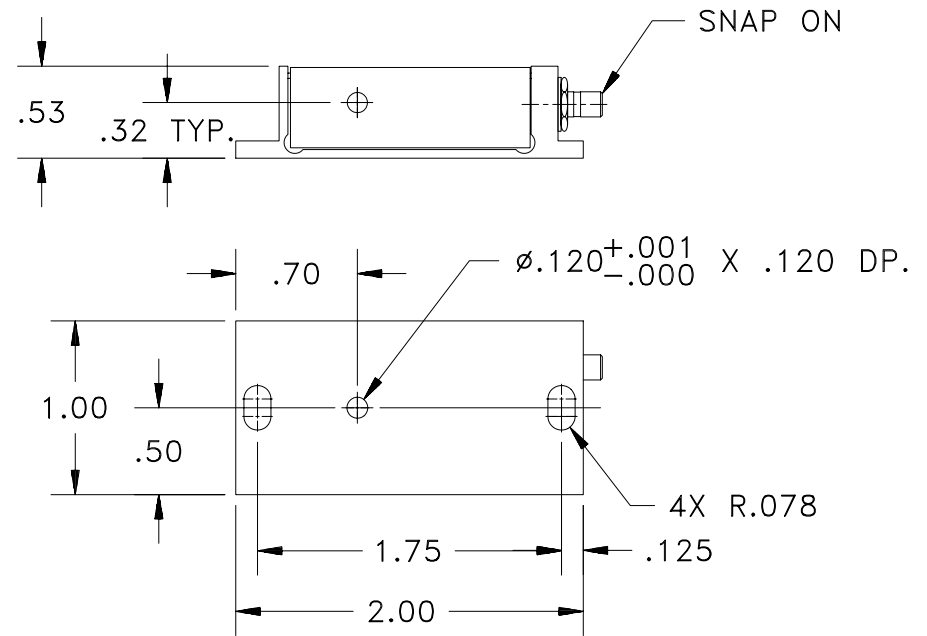


SPECIFICATIONS

AO Medium	Crystalline Quartz	
Acoustic Velocity	5.74 mm/μs	
Active Aperture*	.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	1.4:1 Max	
Wavelength	325-365 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)	325	365
Operational RF Power (W)	2.5	2.5
Bragg Angle (mr)	5.7	6.4
Beam Separation (mr)	11.4	12.8

PERFORMANCE VS BEAM DIAMETER

Beam Diameter (μm)	70	70
<i>at Wavelength (nm)</i>	325	365
Diffraction Efficiency (%)	80	80
Rise Time (nsec)	10	10
Modulation Bandwidth	100	100
Beam Ellipticity	NA	NA

Notes:
* Saturation RF Power is 3.4 Watts

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	A. Campi 4/10/2006	Crystal Technology, Inc. DESCRIPTION: AOMO 3200-1210 325 -365nm (UV)
MATERIAL:	CHK		
FINISH:	APP		
	APP		PART NUMBER: 97-02377-01
			REV: A
			SHEET 1 OF 1

*Active Aperture: Aperture over which performance specifications apply.