SPECIFICATIONS

AO Medium	TeO2
Acoustic Velocity	4.2 mm/µs
Active Aperture*	2.5 mm 'L' X 0.45 mm 'H'
Center Frequency (Fc)	224 MHz
RF Bandwidth	50 MHz @ -10 dB Return Loss
Input Impedance	50 Ohms Nominal
VSWR @ Fc	1.2 :1 Max
Wavelength	442-488 nm
Insertion Loss	5 % Max
Reflectivity per Surface	1 % Max
Anti-Reflection Coating	MIL-C-48497
Optical Power Density	250 W/mm^2
Contrast Ratio	1000 :1 Min
Polarization	90 ° To Mounting Plane

PERFORMANCE VS WAVELENGTH

Wavelength (nm)	**488**
Saturation RF Power (W)	0.65
Bragg Angle (mr)	13
Beam Separation (mr)	26

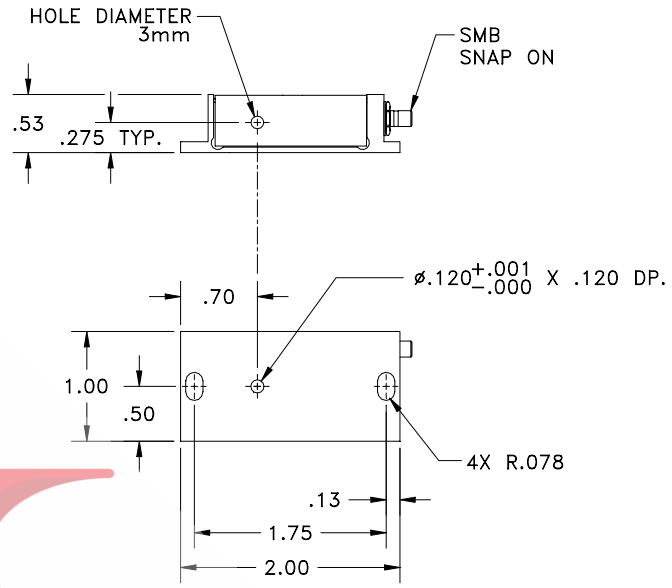
PERFORMANCE VS BEAM DIAMETER

Beam Diameter (µm)	**70**
at Wavelength (nm)	488
Diffraction Efficiency (%)	70
Rise Time (nsec)	12
Modulation Bandwidth	45
Beam Ellipticity	15

For Reference Only

*Active Aperture: Aperture over which performance specifications apply.

Outline Drawing: **Package AOMO 3224-120**



Notes:

TOLERANCES: .XX ± .01 .XXX ± .005	DR	A. Campi 6/27/2002	Crystal Technology, Inc.	
MATERIAL:	CHK		DESCRIPTION: AOMO 3224-120	
FINISH:	APP			
	APP		PART NUMBER: 97-20010-01	REV: D / SHEET 1 OF 1