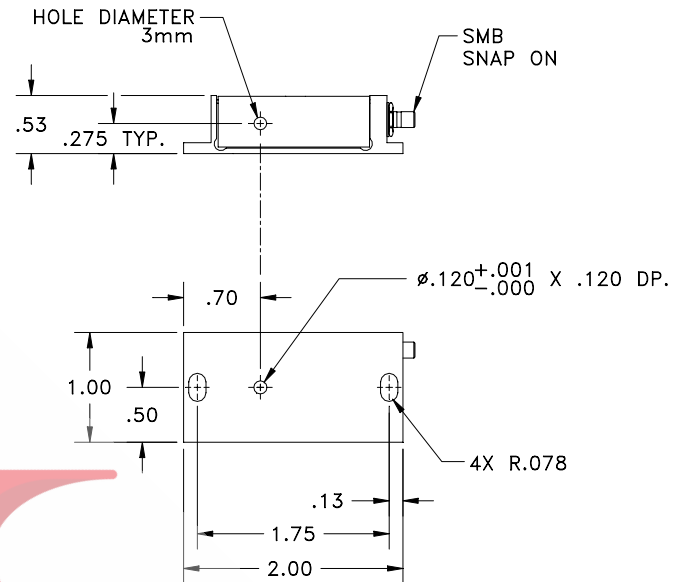


SPECIFICATIONS

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

Outline Drawing:

Package AOMO 3224-120



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
<i>at Wavelength (nm)</i>	488
Diffraction Efficiency (%)	70
Rise Time (nsec)	12
Modulation Bandwidth	45
Beam Ellipticity	15

Notes:

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For Reference Only

*Active Aperture: Aperture over which performance specifications apply.

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