SPECIFICATIONS

AO Medium				TeO2
Acoustic Velocity				4.2 mm/μs
Active Aperture*	2.5	mm 'L' X	1.5	mm 'H'
Center Frequency (Fc)				200 MHz
RF Bandwidth	50 MHz @		-10 dB	Return Loss
Input Impedance				50 Ohms Nominal
VSWR @ Fc				1.3 :1 Max
Wavelength				370-380 nm
Insertion Loss				8 % 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

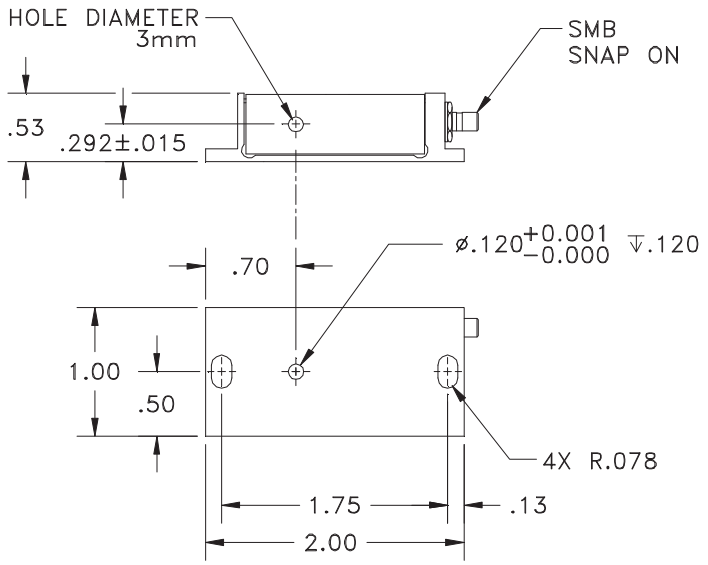
Wavelength (nm)	**370**
Saturation RF Power (W)	.2
Bragg Angle (mr)	8.8
Beam Separation (mr)	17.6

PERFORMANCE VS BEAM DIAMETER

Beam Diameter (μm)	**1000**
at Wavelength (nm)	370
Diffraction Efficiency (%)	85
Rise Time (nsec)	159

*Active Aperture: Aperture over which performance specifications apply.

Outline Drawing:



Document

08/30/18

Control

Notes:
1. Measurements are in inches unless specified otherwise.

TOLERANCES: .XX ± .01 .XXX ± .005	DR	Geri Scholz 8/30/2018	Gooch & Housego		
MATERIAL:	CHK		DESCRIPTION: AOMO 3200-125 370-380nm		
FINISH:	APP				
	APP		PART NUMBER: 97-03036-03	REV: 2	SHEET 1 OF 1