

SPECIFICATIONS

AO Medium	TeO ₂	
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	

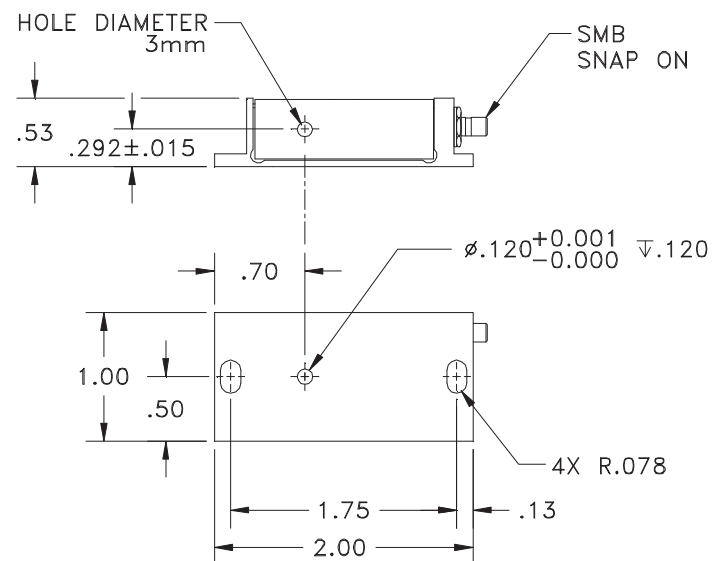
PERFORMANCE VS WAVELENGTH

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

Outline Drawing:



Document

08/30/18

Control

Notes:

- Measurements are in inches unless specified otherwise.

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

*Active Aperture: Aperture over which performance specifications apply.