SPECIFICATIONS

AO Medium				TeO2
Acoustic Velocity				4.2 mm/µs
Active Aperture*	2.5	mm 'L' X	0.45	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				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

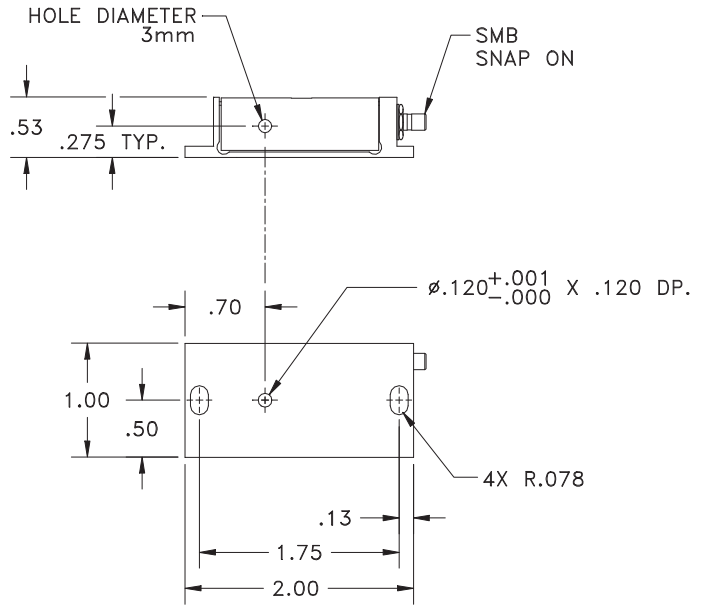
PERFORMANCE VS WAVELENGTH

Wavelength (nm)	**442**	**488**
Saturation RF Power (W)	0.53	0.65
Bragg Angle (mr)	10.5	11.6
Beam Separation (mr)	21	23.2

PERFORMANCE VS BEAM DIAMETER

Beam Diameter (µm)	**60**	**80**	**100**	**120**
at Wavelength (nm)	488	488	488	488
Diffraction Efficiency (%)	70	75	80	80
Rise Time (nsec)	13	16	19	23
Modulation Bandwidth	52	40	31	26.5
Beam Ellipticity	15	8	4	2

Outline Drawing:



Notes:

For Reference Only!
Please contact our Sales team
to verify specification values

TOLERANCES: .XX ± .01 .XXX ± .005	DR	A. CAMPI 10/7/2013	Gooch & Housego
MATERIAL:	CHK		DESCRIPTION: **AOMO 3200-120** 200 MHz, SMB-2 (FLANGED)
FINISH:	APP		
	APP		PART NUMBER: 99-48146-10 / REV: G / SHEET 1 OF 1