

SPECIFICATIONS

AO Medium	Crystalline Quartz
Acoustic Velocity	5.74 mm/μs
Active Aperture*	0.2 mm 'L' X 0.25 mm 'H'
Center Frequency (Fc)	250 MHz
RF Bandwidth	80 MHz @ -10 dB Return Loss
Input Impedance	50 Ohms Nominal
VSWR @ Fc	1.4 :1 Max
Wavelength	532 nm
Insertion Loss	2 % Max
Reflectivity per Surface	.5 % Max
Anti-Reflection Coating	MIL-C-48497
Optical Power Density	N/A W/mm ²
Contrast Ratio	1000 :1 Min
Polarization	90 ° To Mounting Plane

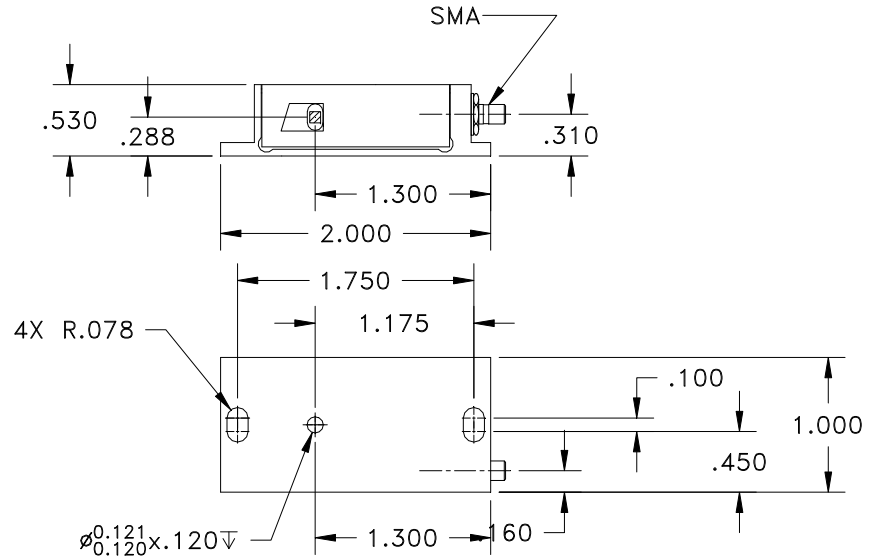
PERFORMANCE VS WAVELENGTH

Wavelength (nm)	532
Operational RF Power (W)	6.6
Bragg Angle (mr)	11.6
Beam Separation (mr)	23.2

PERFORMANCE VS BEAM DIAMETER

Beam Diameter (μm)	150
<i>at Wavelength (nm)</i>	532
Diffraction Efficiency (%)	90
Rise Time (nsec)	21
Modulation Bandwidth	

Outline Drawing:



Document
10/31/13
Control

Notes:

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	A. Campi 10/7/2013	 DESCRIPTION: AOMO 3250-220 532 nm
MATERIAL:	CHK		
FINISH:	APP		
	APP		PART NUMBER: 97-02965-01 REV: B SHEET 1 OF 1

*Active Aperture: Aperture over which performance specifications apply.