

SPECIFICATIONS

AO Medium		Fused Silica
Acoustic Velocity		5.96 mm/μs
Active Aperture*	2.5 mm 'L' X	.18 mm 'H'
Center Frequency (Fc)		160 MHz
RF Bandwidth		50 MHz
Input Impedance		50 Ohms Nominal
VSWR @ Fc		1.3:1 Max
Wavelength		363.8 nm
Insertion Loss		2 % Max
Anti-Reflection Coating		MIL-C -48497
Optical Damage Threshold		200 W/mm ²
Contrast Ratio		1000:1 Min
Polarization		90 ° To Acoustic Wave

PERFORMANCE VS WAVELENGTH

Wavelength (nm)	363
Operational RF Power (W)	.8
Bragg Angle (mr)	4.9
Beam Separation (mr)	9.8

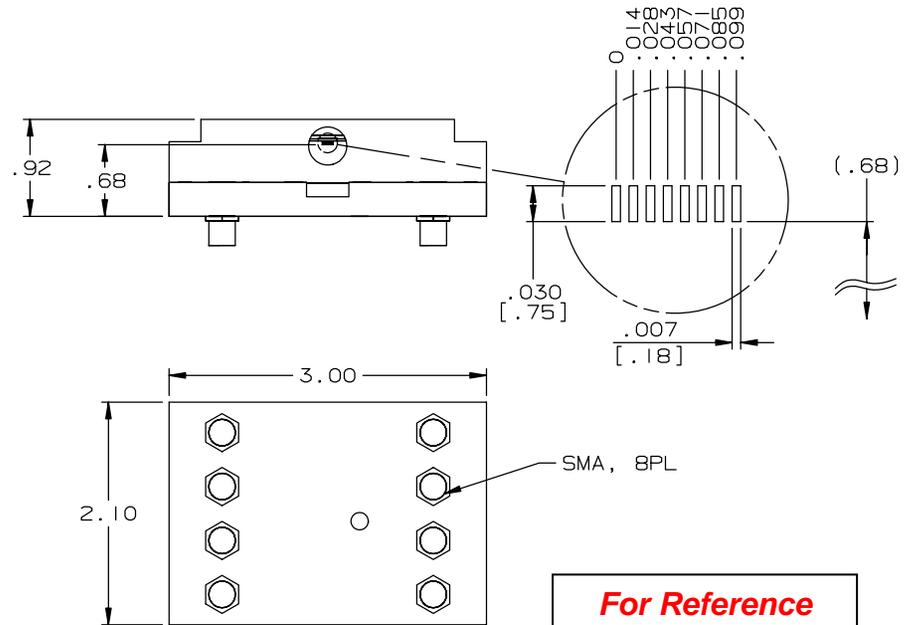
PERFORMANCE VS BEAM DIAMETER

Beam Diameter (μm)	180
<i>at Wavelength (nm)</i>	364
Diffraction Efficiency (%) min	65
Rise Time (nsec)	21

*Active Aperture: Aperture over which performance specifications apply.

Outline Drawing:

Package AOMC 3160/8



For Reference Only

Please contact our Sales staff for additional details.

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	Geri Scholz 12/4/2001	Crystal Technology, Inc. DESCRIPTION: AOMC 3160-8
MATERIAL:	CHK		
FINISH:	APP		PART NUMBER:
	APP		REV:
			SHEET 1 OF 1