SPECIFICATIONS

AO Medium	Crystalline Quartz
Acoustic Velocity	5.74 mm/µs
Active Aperture*	.5 mm 'L' X .2 mm 'H'
Center Frequency (Fc)	300 MHz
RF Bandwidth	100 MHz
Input Impedance	50 Ohms Nominal
VSWR @ Fc	1.5 :1 Max
Wavelength	413 nm
Insertion Loss	3 % Max
Anti-Reflection Coating	MIL-C -48497
Optical Damage Threshold	200 MW/cm^2
Contrast Ratio	1000 :1 Min
Polarization	Perpendicular ° To Acoustic Wave

PERFORMANCE VS WAVELENGTH

Wavelength (nm)	**413**
Operational RF Power (W)	2
Bragg Angle (mr)	10.8
Beam Separation (mr)	21.6

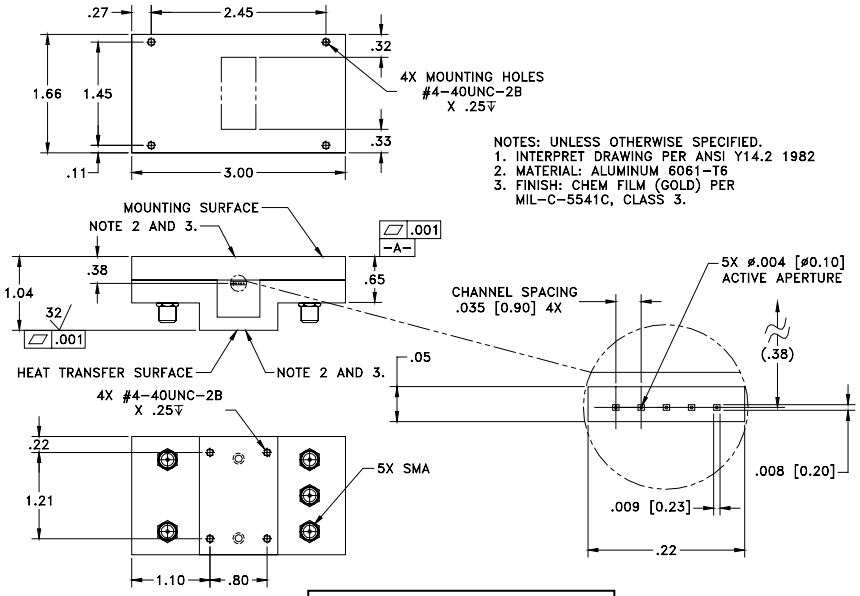
PERFORMANCE VS BEAM DIAMETER

Beam Diameter (µm)	**65**
at Wavelength (nm)	413
Diffraction Efficiency (%) min	50
Rise Time (nsec)	10

Special Testing	**Min**	**Units**	**Max**
Crosstalk	25	dB	

*Active Aperture: Aperture over which performance specifications apply.

Outline Drawing: **Package MC330-5**



For Reference Only

Please contact our Sales staff for additional details.

TOLERANCES: .XX ± .01 .XXX ± .005	DR	Tom Ng 4/21/2005	Crystal Technology, Inc.	
MATERIAL:	CHK		DESCRIPTION: AOMC MC300-5	
FINISH:	APP			
	APP		PART NUMBER:	REV: SHEET 1 OF 1