SPECIFICATIONS

AO Medium			TeO2
Acoustic Velocity			4.2 mm/µs
Active Aperture*	1 mm 'L' X	.33	mm 'H'
Center Frequency (Fc)			350 MHz
RF Bandwidth @ 10 dB return losss			130 MHz
Input Impedance			50 Ohms Nominal
VSWR @ Fc			1.5 :1 Max
Wavelength			.633 nm
Insertion Loss			3 % Max
Anti-Reflection Coating			MIL-C -48497
Optical Damage Threshold			na W/mm^2
Contrast Ratio			1000 :1 Min
Polarization			90 ° To Acoustic Wave

PERFORMANCE VS WAVELENGTH

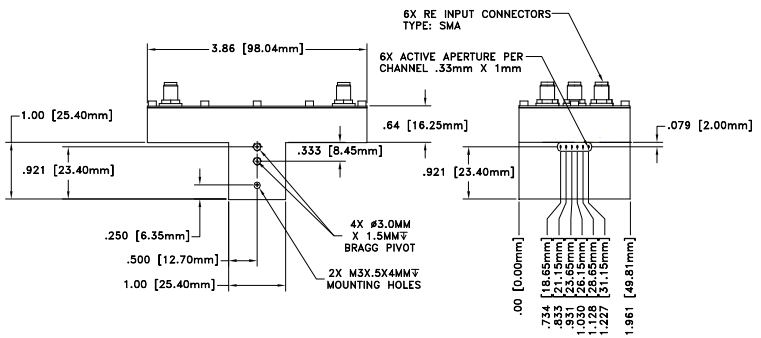
Wavelength (nm)	**488**	**532**	**635**
Operational RF Power (W)	.8	.9	1.0
Bragg Angle (mr)	20.3	22.2	26.5
Beam Separation (mr)	40.6	44.4	53

PERFORMANCE VS BEAM DIAMETER

Beam Diameter (µm)	**166**
at Wavelength (nm)	635
Diffraction Efficiency (%) min	75
Rise Time (nsec)	30

*Active Aperture: Aperture over which performance specifications apply.

Outline Drawing:



For Reference Only

TOLERANCES: .XX ± .01 .XXX ± .005	DR	A. Campi 3/24/2006	Crystal Technology, Inc.
MATERIAL:	CHK		DESCRIPTION: AOMC 3350-6
FINISH:	APP		
	APP		PART NUMBER: / REV: / SHEET 1 OF 1