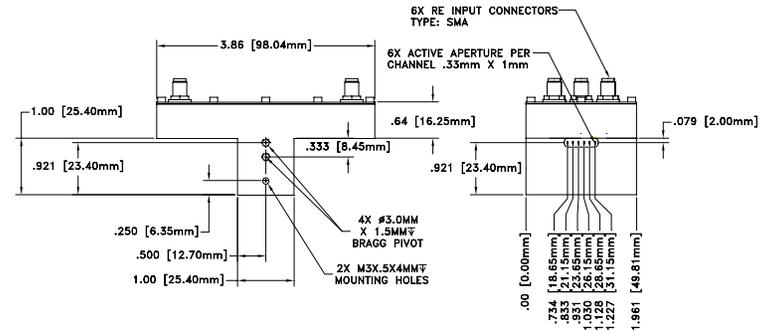


**SPECIFICATIONS**

AO Medium		TeO <sub>2</sub>
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 loss		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 <sup>2</sup>
Contrast Ratio		1000 :1 Min
Polarization		90 ° To Acoustic Wave

**Outline Drawing:**



**For Reference Only**

**PERFORMANCE VS WAVELENGTH**

<b>Wavelength (nm)</b>	<b>488</b>	<b>532</b>	<b>635</b>
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**

<b>Beam Diameter (μm)</b>	<b>166</b>
<i>at Wavelength (nm)</i>	635
Diffraction Efficiency (%) min	75
Rise Time (nsec)	30

Please contact our Sales staff for additional details.

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

\*Active Aperture: Aperture over which performance specifications apply.