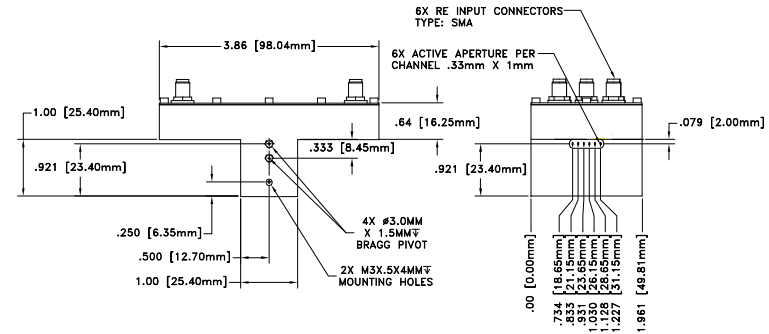


SPECIFICATIONS

AO Medium		TeO ₂
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 ²
Contrast Ratio		1000 :1 Min
Polarization		90 ° To Acoustic Wave

Outline Drawing:



For Reference
Only

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



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

*Active Aperture: Aperture over which performance specifications apply.