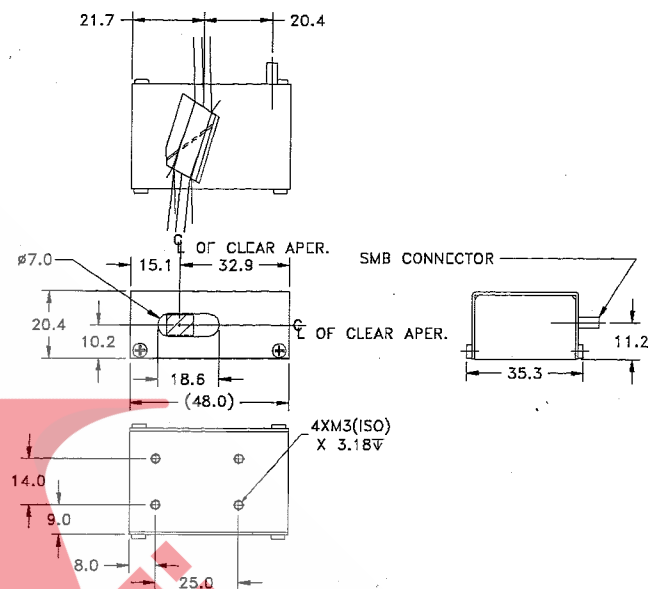


SPECIFICATIONS

AO Medium	.TeO ₂
Acoustic Mode	Shear, Off Axis
Acoustic Velocity	0.710 mm/μs
Wavelength	442 nm
Input Polarization	0° to Mounting Plane
Output Polarization	90° to Mounting Plane
Insertion Loss	5%
Center Frequency (Fc)	200 MHz
RF Bandwidth	100 MHz
RF Power	1.0 Watt
Active Aperture	4.8 mm
Average Diffraction Efficiency	>75%
Flatness Across Bandwidth	±10%
Min Diffraction Efficiency	>70%
Peak Valley at 633 nm (No RF Power)	< 0.100
RMS at 633 nm	N/A
VSWR	< 2.0:1
Scan Angle	63.1 mrad @ 442 nm
Time Bandwidth	N/A

OUTLINE DRAWING



Notes:

1. Input impedance is 50 Ohms.
2. Anti-Reflection Coating is less than 1.0% both side.
3. Time Aperture is 6.5 us.

DOCUMENT CONTROL

MAR 27 2006

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TOLERANCES: XX ±.25 ± XXX .125	DR	A. Campi 3/7/2006	Crystal Technology, Inc.		
MATERIAL:	CHK	R.D. 3/7/06	DESCRIPTION: AODF 4200-1		
FINISH:	APP				
	APP		PART NUMBER: 97-01610-01	REV: B	SHEET 1 OF 1