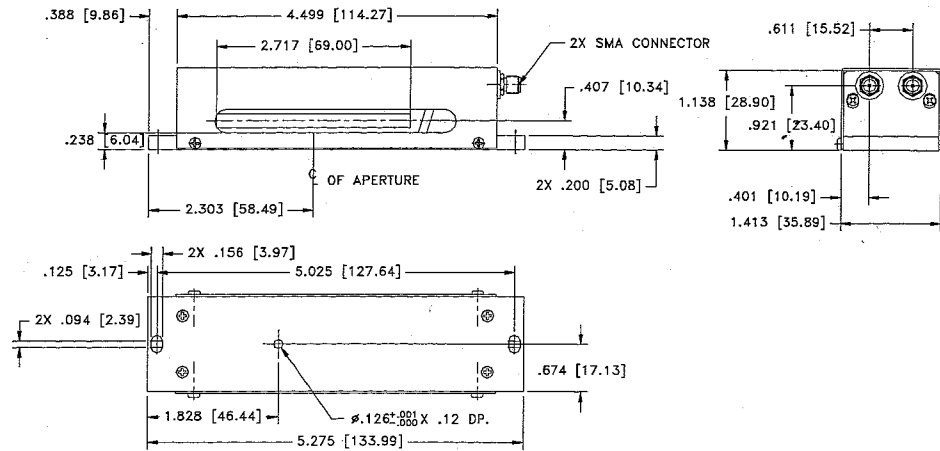


SPECIFICATIONS

AO Medium	Crystal Quartz
Acoustic Mode	Longitudinal
Acoustic Velocity	6.32 mm/μs
Wavelength	266 nm
Input Polarization	90° to Mounting Plane
Output Polarization	90° to Mounting Plane
Insertion Loss	<2%
Center Frequency (Fc)	210 MHz
RF Bandwidth	130 MHz
RF Power	5.0W nominal
Active Aperture	1mm 'H' x 69mm 'L'
Average Diffraction Efficiency	>80%, 83% TYP.
Flatness Across Bandwidth	40%
Min Diffraction Efficiency	>58%
Peak Valley at 633 nm	.100
RMS at 633 nm	.05
VSWR	<1.7:1
Scan Angle	N/A
Time Bandwidth	N/A

OUTLINE DRAWING



Notes:

1. Delay/splitter box is included but not shown.
2. (DEmax-DEmin)/DEave.
3. RF Burn In: 3W/channel, 48hrs

DOCUMENT CONTROL

OCT 06 2006

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TOLERANCES: XX ± .01 XXX ± .005	DR	T. Ng 9/28/2006	Crystal Technology, Inc.	
MATERIAL:	CHK: R.D. 9/20/06	DESCRIPTION: AODF 4200-6, 266nm Two Element Phased Array		
FINISH:	APP	PART NUMBER: 97-02890-02	REV: A	SHEET 1 OF 1