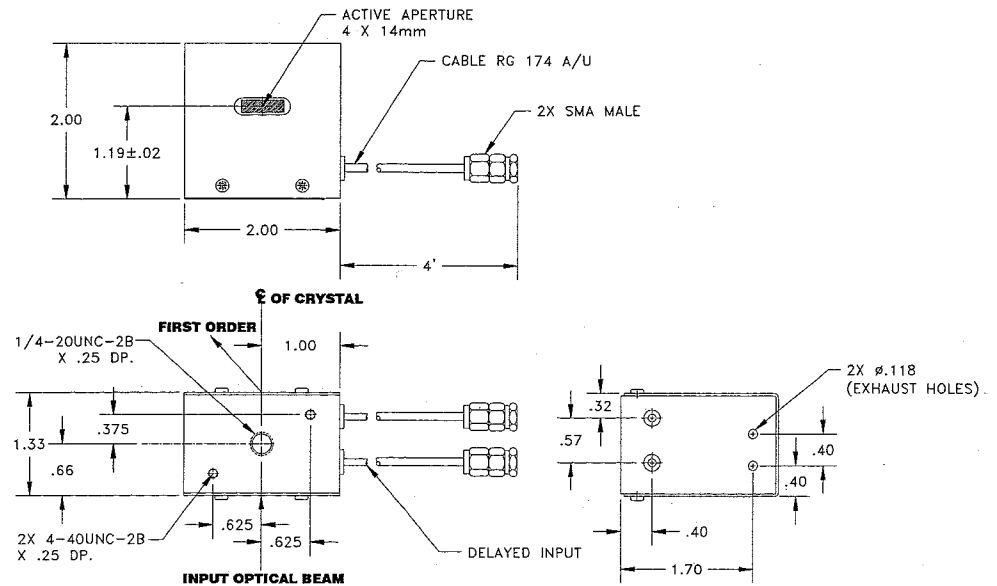


SPECIFICATIONS

AO Medium	TeO2
Acoustic Mode	Slow Shear, (110 Axis)
Acoustic Velocity	0.617 mm/μs
Wavelength	532 nm
Input Polarization	Elliptical
Output Polarization	Elliptical
Insertion Loss	<3%
Center Frequency (Fc)	90 MHz
RF Bandwidth	50 MHz
RF Power	1.4 Watts
Active Aperture	4 mm 'H' X 14 mm 'L'
Average Diffraction Efficiency	%
Flatness Across Bandwidth	%
Min Diffraction Efficiency	>70%
Peak Valley at 633 nm	<0.125
RMS at 633 nm	N/A
VSWR	2.0 : 1
Scan Angle	N/A
Time Bandwidth	1100

OUTLINE DRAWING



DOCUMENT CONTROL

MAR 08 2005

Notes:

1. Phased array input transducer.
2. Input impedance is 50 Ohms.

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TOLERANCES: .XX .XXX	DR	Tom Ng 3/8/2005	Crystal Technology, Inc.		
MATERIAL:	CHK	<i>R. D. Wells 3/1/05</i>	DESCRIPTION: AODF 4090-1		
FINISH:	APP				
	APP	<i>PER EO 14355</i>	PART NUMBER: 97-02884-01	REV: 0	SHEET 1 OF 1