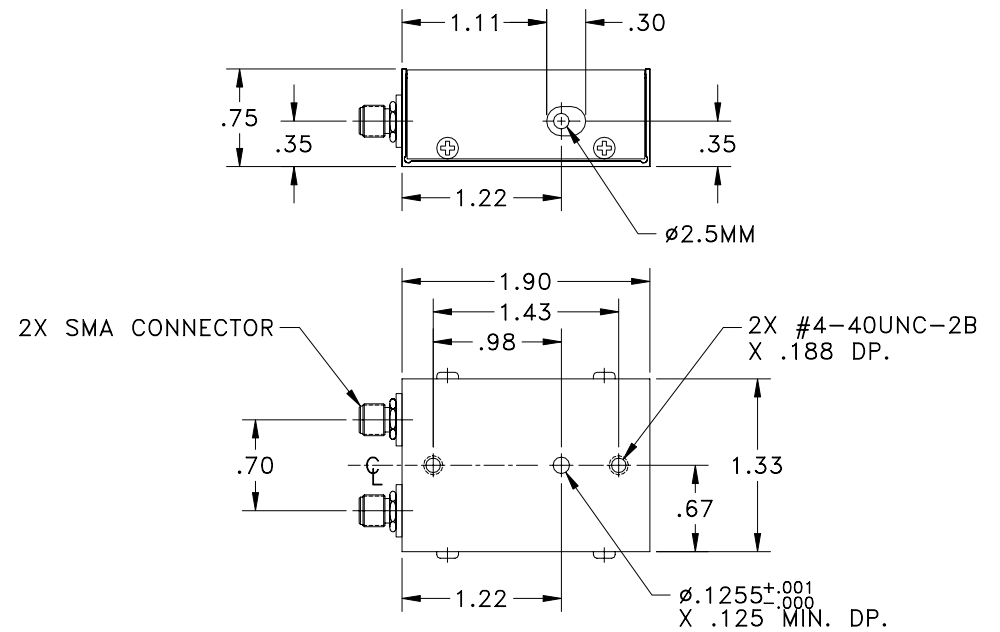


**SPECIFICATIONS**

AO Medium	TeO <sub>2</sub>
Acoustic Mode	Longitudinal
Acoustic Velocity	4.20 mm/μs
Wavelength	1066-1100 nm
Input Polarization	Linear
Output Polarization	
Insertion Loss	<3%
Center Frequency (Fc)	75 MHz
RF Bandwidth	32MHz, Goal 40MHz
RF Power	4W max.
Active Aperture	2.5 mm dia.
Average Diffraction Efficiency	N/A
Intensity Variation Across Bandwidth	N/A
Min Diffraction Efficiency	70%
Peak Valley at 633 nm	N/A
RMS at 633 nm	N/A
VSWR	2.0:1
Scan Angle	N/A
Time Bandwidth	N/A

**OUTLINE DRAWING**



Notes:

1. Input Impedance is 50 Ohms.
2. Electrode: Two Element Phased Array
3. RoHS Compliant

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**Document**  
**01/25/08**  
**Control**

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	Gerl Scholz 1/23/2008	<b>Crystal Technology, Inc.</b> DESCRIPTION: <b>AODF 4075-2</b>
MATERIAL: 	CHK	APP	
FINISH: 	APP	APP	PART NUMBER: <b>97-02823-52</b>
		REV: <b>B</b>	SHEET 1 OF 1