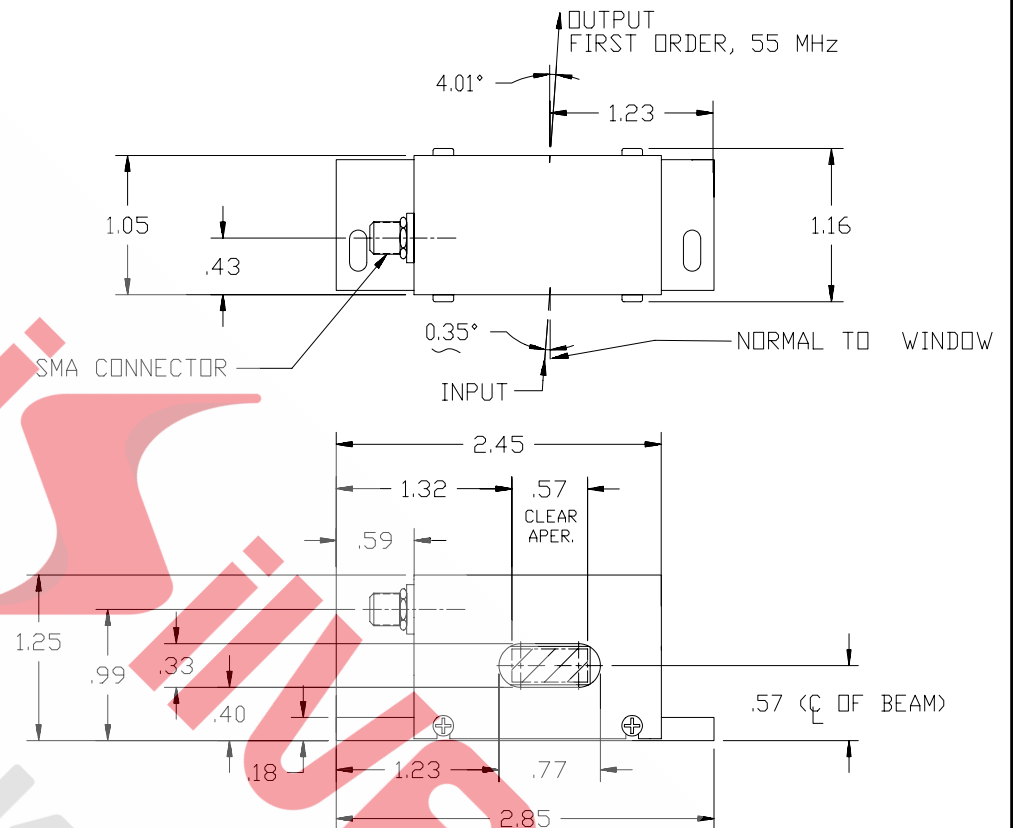


## SPECIFICATIONS

AO Medium	TeO <sub>2</sub>
Acoustic Mode	Shear, Off Axis
Acoustic Velocity	0.656 mm/μs
Wavelength	830 nm
Input Polarization	0° to Mounting Plane
Output Polarization	90° to Mounting Plane
Insertion Loss	4%
Center Frequency (Fc)	52.5 MHz
RF Bandwidth	35 MHz
RF Power	1.0 Watt
Active Aperture	3.5mm "H" X 14 "L" mm
Average Diffraction Efficiency	80%
Flatness Across Bandwidth	<±10%
Min Diffraction Efficiency	70%
Peak Valley at 633 nm	<0.250
RMS at 633 nm	N/A
VSWR	2.0:1
Scan Angle	44.3 mrad @ 830 μm
Time Bandwidth	N/A

## OUTLINE DRAWING




## Notes:

1. Input impedance is 50 Ohms.
2. Anti-Reflection Coating < 1% both sides.
3. Static Contrast Ratio > 1000:1.

**For Reference  
Only**

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TOLERANCES: .XX ± .01 ± .XXX .005	DR	A. Campi 11/15/2001	 Crystal Technology, Inc.		
MATERIAL:	CHK		DESCRIPTION: <b>AODF 4055</b>		
FINISH:	APP				
	APP		PART NUMBER:	REV:	SHEET 1 OF 1