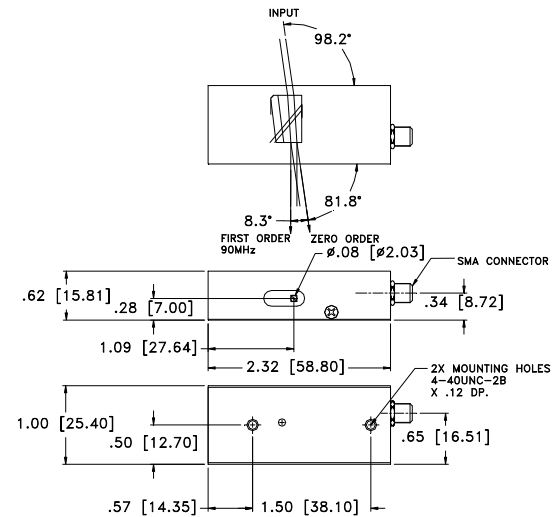


SPECIFICATIONS

AO Medium	TeO ₂
Acoustic Mode	Shear, Off Axis
Acoustic Velocity	0.656 mm/μs
Wavelength	1060 nm
Input Polarization	0° to Mounting Plane
Output Polarization	90° to Mounting Plane
Insertion Loss	4%
Center Frequency (Fc)	90 MHz
RF Bandwidth	35 MHz
RF Power	1.5 Watt
Active Aperture	2mm dia
Average Diffraction Efficiency	
Flatness Across Bandwidth	
Min Diffraction Efficiency	80%
Peak Valley at 633 nm	<.10
RMS at 633 nm	N/A
VSWR	2.0:1
Scan Angle	56 mrad @ 1.06 μm
Time Bandwidth	N/A

OUTLINE DRAWING



Document

09/13/13

Control

Notes:

1. Input impedance is 50 Ohms.
2. Anti-Reflection Coating < 1% both sides.
3. Wavefront distortion measured over a 1mm dia. aperture with full RF Power.



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TOLERANCES: .XX ± .01 .XXX ± .005	DR	TOM-NG 9/3/2013	 DESCRIPTION: AODF 4090-6 1.06um	
MATERIAL:	CHK			
FINISH:	APP		PART NUMBER:	REV:
	APP		97-02962-01	2
			SHEET	1 OF 1