SPECIFICATIONS

TeO2

Acoustic Mode Shear, Off Axis 0.656 mm/µs Acoustic Velocity Wavelength 830 nm Input Polarization 0° to Mounting Plane **Output Polarization** 90° to Mounting Plane Insertion Loss 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 15% Min Diffraction Efficiency Peak Valley at 633 nm < 0.250 RMS at 633 nm N/A **VSWR** 2.0:1 44.3 mrad @ 830 um Scan Angle Time Bandwidth N/A

Notes:

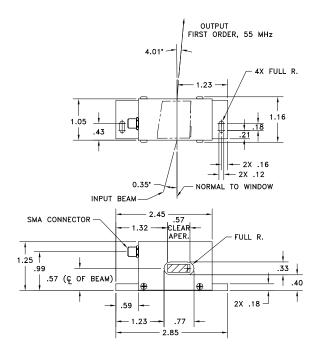
1. Input impedance is 50 Ohms.

AO Medium

- 2. Anti-Reflection Coating < 1% both sides.
- 3. Static Contrast Ratio > 1000:1.



OUTLINE DRAWING



Document

09/13/13

Control

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	TOM-NG 9/3/2013	Gooch & Housego DESCRIPTION: AODF 4055-4		
MATERIAL:	СНК				
FINISH:	APP APP				
	APP		PART NUMBER: 97-01542-01	REV:	SHEET 1 OF 1