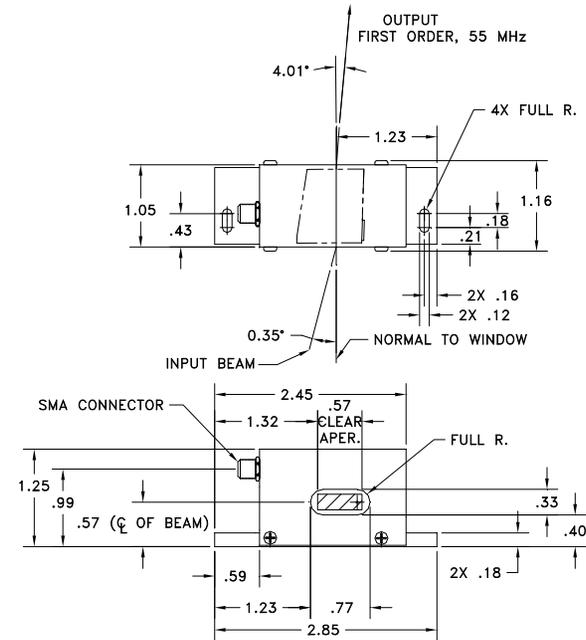


SPECIFICATIONS

OUTLINE DRAWING

AO Medium	TeO2
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	15%
Min Diffraction Efficiency	
Peak Valley at 633 nm	<0.250
RMS at 633 nm	N/A
VSWR	2.0:1
Scan Angle	44.3 mrad @ 830 um
Time Bandwidth	N/A



Document
09/13/13
Control

Notes:

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

THIS DOCUMENT IS THE PROPERTY OF GOOCH & HOUSEGO. IT IS NOT TO BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART OTHER THAN BY EMPLOYEES OF GOOCH & HOUSEGO AND ITS CONTRACTED REPRESENTATIVES AND DISTRIBUTERS. ANY EXCEPTION REQUIRES THE WRITTEN CONSENT OF AN AUTHORIZED REPRESENTATIVE OF GOOCH & HOUSEGO.

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