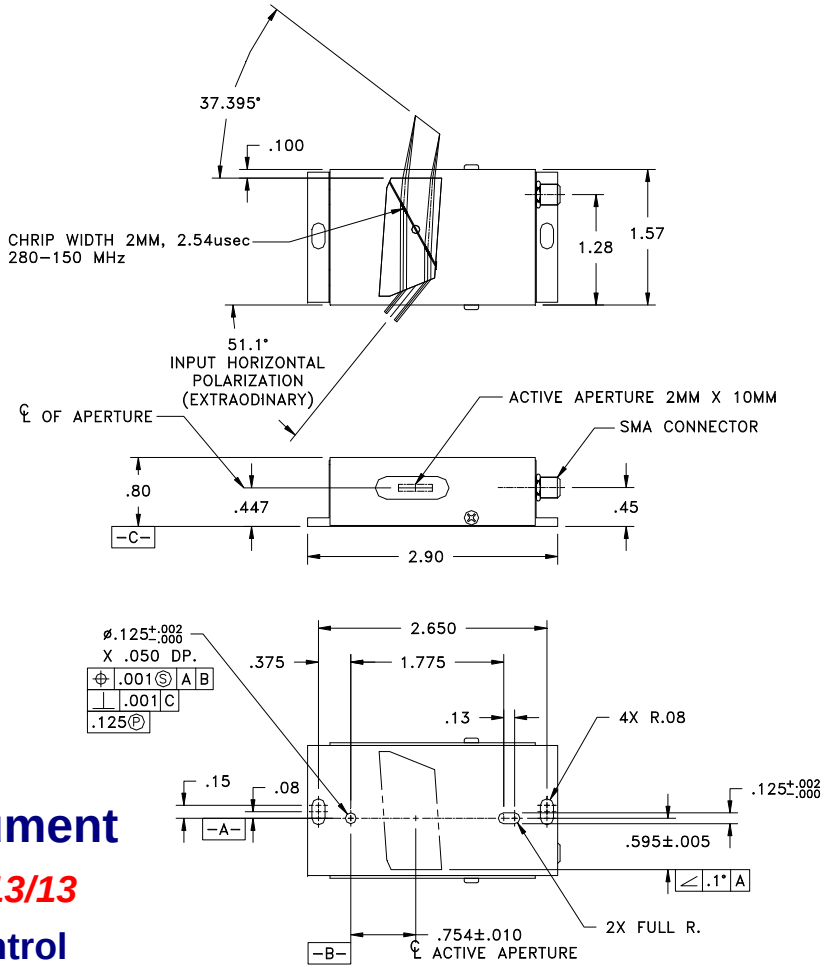
SPECIFICATIONS

AO Medium	TeO2
Acoustic Mode	Shear, Off- Axis
Acoustic Velocity	786 m/sec
Wavelength	532 nm
Input Polarization	Horizontal
Output Polarization	Vertical
Insertion Loss	< 2%
Center Frequency (Fc)	215 MHz
RF Bandwidth	130 MHz
RF Power	1.3 W
Active Aperture	1.8 mm 'H' x 5 mm 'L'
Average Diffraction Efficiency (1)	>35%
Flatness Across Bandwidth (2)	<60%
Min Diffraction Efficiency (3)	>15%
Peak Valley at 633 mm, active full aperture	<λ/2
RMS at 633 mm, active full aperture	<λ/10
VSWR	<2.2:1
Burn in test	280 MHz, 1.4 W, CW, 168 hrs.

OUTLINE DRAWING



Notes:

1. Minimum Average DE at 5 mm from transducer.

2. Minimum Flatness Efficiency at 5 mm from transducer, Flatness = DEmax-DEmin

3. Minimum DE at 5 mm from transducer.

Comments:

For details, please refer to customer specifications.

Document

09/13/13

Control

TOLERANCES: .XX .XXX	DR	Geri Scholz 9/3/2013	Gooch & Housego		
MATERIAL:	CHK		DESCRIPTION: AODF 4215-6, 532 nm		
FINISH:	APP				
	APP		PART NUMBER: 97-02864-01	REV: B	SHEET 1 OF 1