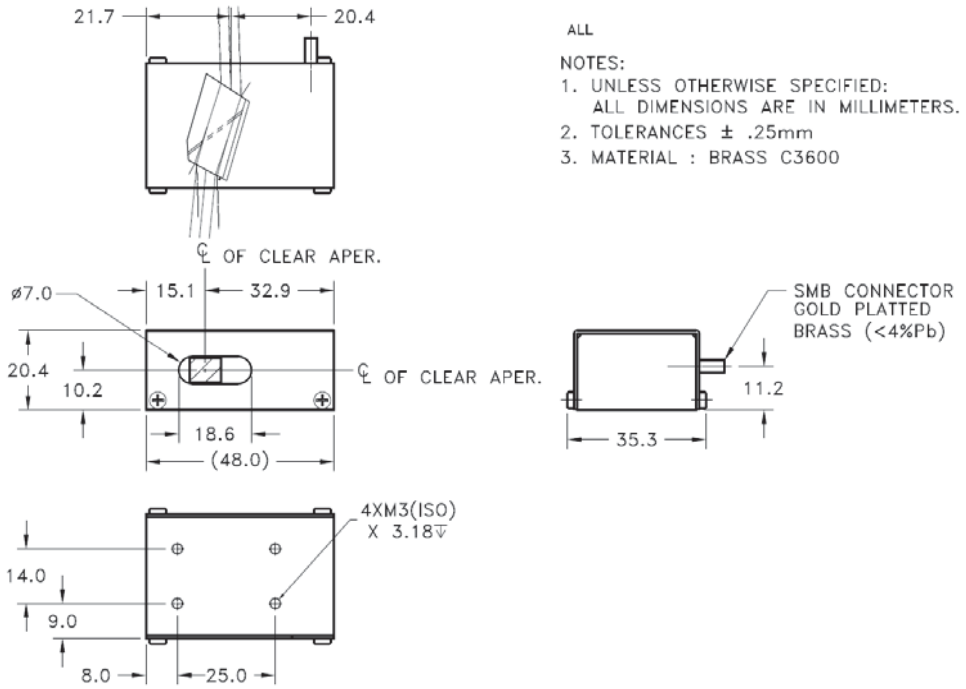
SPECIFICATIONS

AO Medium	TeO2
Acoustic Mode	Shear, Off Axis
Acoustic Velocity	0.710 mm/µs
Wavelength	442 nm
Input Polarization	0° to Mounting Plane
Output Polarization	90° to Mounting Plane
Insertion Loss	5%
Center Frequency (Fc)	200 MHz
RF Bandwidth	100 MHz
RF Power	1.0 Watt
Active Aperture	4.8 mm
Average Diffraction Efficiency	>75%
Flatness Across Bandwidth	±10%
Min Diffraction Efficiency	>70%
Peak Valley at 633 mm (No RF Power)	< 0.100
RMS at 633 mm	N/A
VSWR	< 2.0:1
Scan Angle	63.1 mrad @ 442 nm
Time Bandwidth	N/A

OUTLINE DRAWING



Notes:

1. Input impedance is 50 Ohms.

2. Anti-Reflection Coating is less than 1.0% both side.

3. Time Aperture is 6.5 us.

Document

06/08/18

Control

TOLERANCES: .XX ± .25 .XXX ± .125	DR	Geri Scholz 6/4/2018	Gooch & Housego		
MATERIAL: RoHS Compliant	CHK		DESCRIPTION: AODF 4200-1		
FINISH:	APP				
	APP		PART NUMBER: 97-01610-51	REV: A	SHEET 1 OF 1