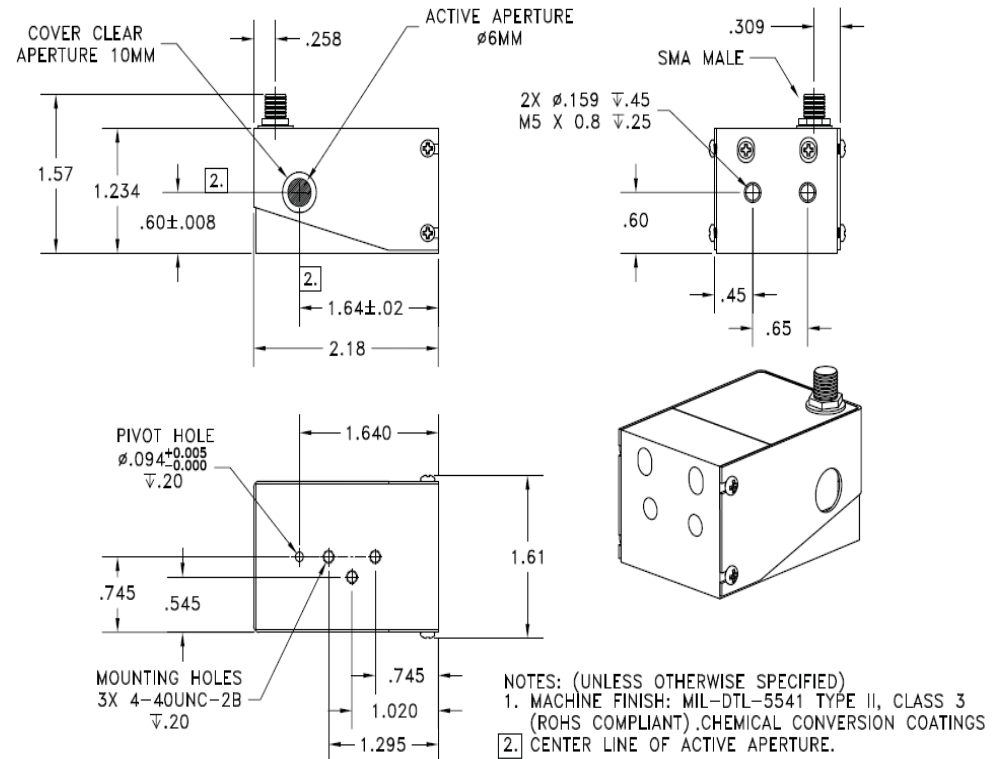


SPECIFICATIONS

AO Medium	Crystal Quartz
Acoustic Mode	Longitudinal
Acoustic Velocity	5.74mm/μs
Wavelength	532nm
Input Polarization	90° to Mounting Plane
Output Polarization	90° to Mounting Plane
Insertion Loss	1%
Center Frequency (Fc)	110MHz
RF Bandwidth	10 MHz
RF Power	<25W
Active Aperture	6 mm dia.
Average Diffraction Efficiency	
Flatness Across Bandwidth	80%
Min Diffraction Efficiency	.1
Peak Valley at 633 nm	N/A
RMS at 633 nm	2:1
VSWR	
Scan Angle	.93 mrad@532nm
Time Bandwidth	N/A

OUTLINE DRAWING



Notes:

1. Input Impedance 50 Ohms.
2. Unit to be water cooled .1 GPM <30C. Water channels Metalast plated Aluminum.
3. Mechanical Outline per 97-03292-01-15.
4. Optical window wedge <1'.

Document

03/10/16

Control

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	T. Ng 2/29/2016	Gooch & Housego	
MATERIAL:	CHK		DESCRIPTION: AODF 4110 Quartz 532nm 6mm Aperture	
FINISH:	APP		PART NUMBER:	REV:
	APP		97-03292-01	2
				SHEET 1 OF 1