

Preliminary Specifications

SPECIFICATIONS

AO Medium	TeO ₂
Acoustic Mode	Shear, Off- Axis
Acoustic Velocity	663 M/sec
Wavelength	780 nm
Input Polarization	Linear, Horizontal
Output Polarization	Linear, Vertical
Insertion Loss	< 5%
Center Frequency (Fc)	40 MHz
RF Bandwidth	1 MHz
RF Power	.6 W
Active Aperture	5mm dia.
Average Diffraction Efficiency	N/A
Flatness Across Bandwidth	N/A
Min Diffraction Efficiency	50%
Peak Valley at 633 nm	
RMS at 633 nm	
VSWR@40MHz	<1.5:1
Scan Angle	N/A
Time Bandwidth	N/A

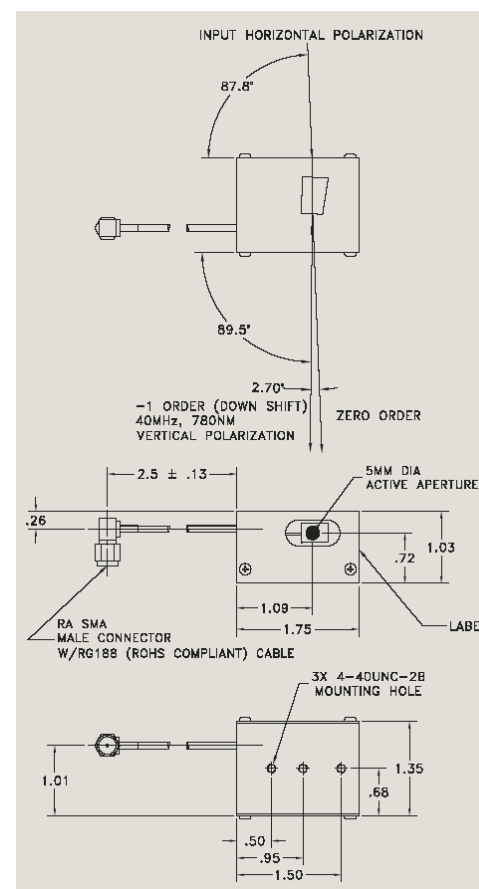
NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MACHINED FINISH: ELECTROLESS NICKEL 500μ INCHES PER AMS-2404C, MUST BE RoHS COMPLIANT.

2. MECHANICAL OUTLINE 97-03275-01-15

Document
09/08/14
Control

OUTLINE DRAWING



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TOLERANCES: .XX .XXX	DR	Geri Scholz 6/18/2014	Gooch & Housego		
MATERIAL:	CHK		DESCRIPTION: AODF 4040-191		
FINISH:	APP		ROHS		
	APP		PART NUMBER: 97-03275-01	REV: 2	SHEET 1 OF 1