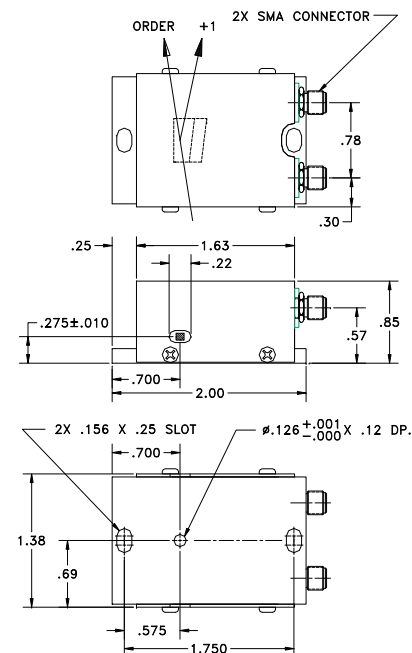


SPECIFICATIONS

AO Medium	TeO ₂
Acoustic Mode	Longitudinal
Acoustic Velocity	4.20 mm/μs
Wavelength	1100 nm
Input Polarization	Random
Output Polarization	Random
Insertion Loss	<3%
Center Frequency (Fc)	225 MHz
RF Bandwidth	130 MHz
RF Power	3 Watts
Active Aperture	.30 mm Dia
Average Diffraction Efficiency	N/A
Flatness Across Bandwidth	N/A
Min Diffraction Efficiency	>55%
Peak Valley at 633 nm	N/A
RMS at 633 nm	N/A
VSWR	2.2 : 1
Scan Angle	34 mrad (130 MHz 1.1 μm)
Time Bandwidth	N/A

OUTLINE DRAWING



Notes:

1. Diffraction Efficiency across frequency range, 210 μm spot, random input polarization.
2. Measured @ 633 nm
3. Input Impedance is 50 Ohms
4. Differential Delay: 4.59 nsec
5. Risetime: 33 nsec (210 μm beam waist).
6. Static Contrast Ratio is 1000 : 1.
7. Anti-Reflection Coating is < 1% both sides

Document

09/13/13

Control

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	Geri Scholz 9/3/2013	 AODF 4225-2		
MATERIAL:	CHK				
FINISH:	APP				
	APP		PART NUMBER: 97-02378-02	REV: D	SHEET 1 OF 1