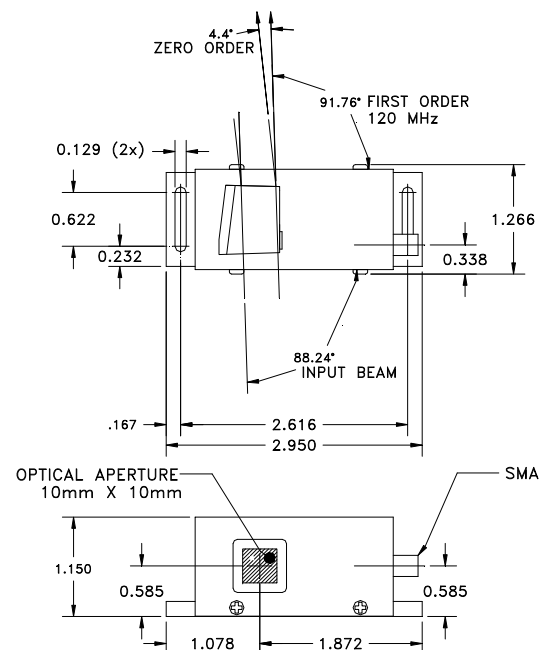


SPECIFICATIONS

AO Medium	TeO ₂
Acoustic Mode	Shear, off axis
Acoustic Velocity	.65 mm/μs
Wavelength	413 nm
Input Polarization	Horizontal
Output Polarization	Vertical
Insertion Loss	3%
Center Frequency (Fc)	120 MHz
RF Bandwidth	50 MHz
RF Power	<1W
Active Aperture	10mm Diameter
Average Diffraction Efficiency	N/A
Flatness Across Bandwidth	N/A
Min Diffraction Efficiency	75%
Peak Valley at 633 nm	$\lambda/4$
RMS at 633 nm	N/A
VSWR	2.2:1
Scan Angle	N/A
Time Bandwidth	N/A

OUTLINE DRAWING



Notes:

1. First order @ 120MHZ collinear to input +/- 45'
2. Impedance matching frequency range 80-145MHz

Document

09/13/13

Control

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	T. Ng 9/3/2013	 AODF 4120-2 10mm Aper., 413nm	
MATERIAL:	CHK			
FINISH:	APP			
	APP		PART NUMBER: 97-02799-01	REV: B
			SHEET 1 OF 1	