

SPECIFICATIONS

AO Medium	TeO2	
Acoustic Velocity	4.2 mm/μs	
Active Aperture*	1 mm 'L' X	0.1 mm 'H'
Center Frequency (Fc)	260 MHz	
RF Bandwidth	160 MHz @	-7 dB Return Loss
Input Impedance	50 Ohms Nominal	
VSWR @ Fc	2 :1 Max	
Wavelength	1047-1060 nm	
Insertion Loss	4 % Max	
Reflectivity per Surface	0.5 % Max	
Anti-Reflection Coating	MIL-C-48497	
Optical Power Density	50 W/mm ²	
Contrast Ratio	1000 :1 Min	
Polarization	90° To Mounting Plane	

PERFORMANCE VS WAVELENGTH

Wavelength (nm)	1064
Saturation RF Power (W)	1.2
Bragg Angle (mr)	32.9
Beam Separation (mr)	65.8

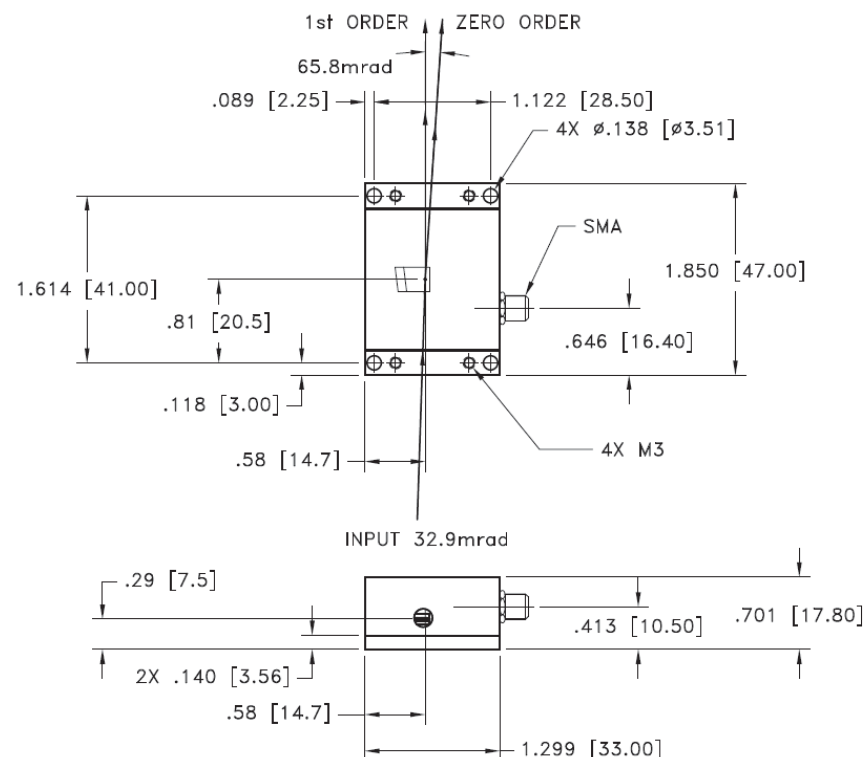
PERFORMANCE VS BEAM DIAMETER

Beam Diameter (μm)	30
at Wavelength (nm)	1064
Diffraction Efficiency (%)	35
Rise Time (nsec)	6
Modulation Bandwidth	N/A
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Document
04/20/16
Control

*Active Aperture: Aperture over which performance specifications apply.

Outline Drawing:



Notes:

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	Gerl Scholz 4/8/2016	Gooch & Housego		
MATERIAL:	CHK		DESCRIPTION: AOMO 3260-192		
FINISH:	APP		SMA 1064NM		
	APP		PART NUMBER: 97-03188-01	REV: 4	SHEET 1 OF 1