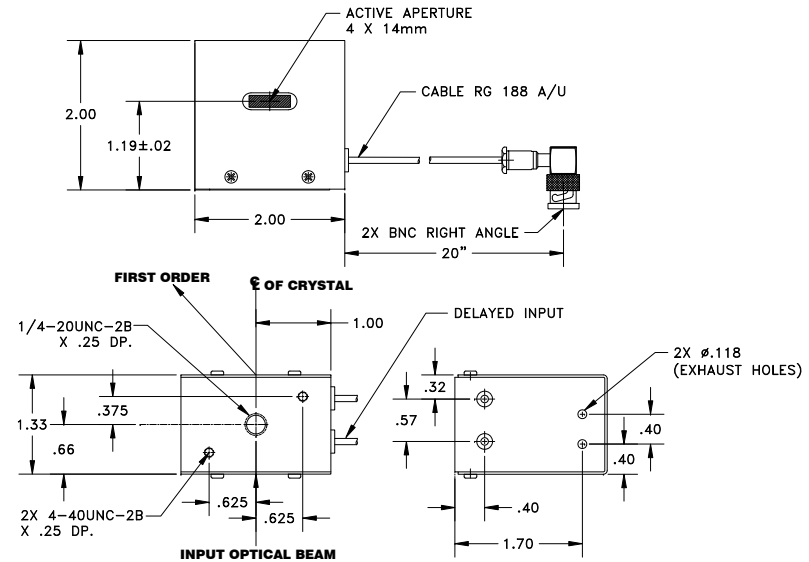


技术参数

声光介质	TeO2
声波模式	Shear, On Axis
声速	0.617 mm/ μ s
波长	364 nm
输入偏振	Elliptical
输出偏振	Elliptical
插入损耗	10%
中心频率	100 MHz
射频带宽	50 MHz
射频驱动功率	< 1.0 Watt
通光孔径	4 mm 'H' X 14 mm 'L'
平均衍射效率	
带宽内衍射效率平坦度 ⁴	10%
最小衍射效率 ⁴	> 70%
峰谷值@633 nm(无射频功率时) ⁸	<0.125 over 4X14mm
RMS at 633 nm	N/A
驻波比	< 2.0 : 1
扫描角	N/A
时间带宽积	N/A

外观尺寸图



Document

09/13/13

Control



Notes:

1. 2 Element Phased Array
2. Input impedance is 50 Ohms.
3. A delay box, p/n: 97-02062-04, is connected between the RF output of the driver and the two inputs of the deflector.
4. +1 order
5. Optical window $\pm$ 30' to housing.
6. Bond face perpendicular to mounting surface $\pm$ 15'.
7. Optical grade material (low strain & straine)
8. Wavefront P.V. .07 over 4x4mm @ 633nm.

THIS DOCUMENT IS THE PROPERTY OF GOOCH & HOUSEGO. IT IS NOT TO BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART OTHER THAN BY EMPLOYEES OF GOOCH & HOUSEGO AND ITS CONTRACTED REPRESENTATIVES AND DISTRIBUTORS. ANY EXCEPTION REQUIRES THE WRITTEN CONSENT OF AN AUTHORIZED REPRESENTATIVE OF GOOCH & HOUSEGO.

TOLERANCES: .XX .XXX	DR	Geri Scholz 9/3/2013	Gooch & Housego		
MATERIAL:	CHK		DESCRIPTION: AODF 4100-2E		
FINISH:	APP				
	APP		PART NUMBER: 97-02062-05	REV: B	SHEET 1 OF 1