

技术参数

声光介质			TeO ₂
声速			4.2 mm/μs
透光孔径*	2.5 mm 'L' X	1.5 mm 'H'	
中心频率			315 MHz
射频带宽	50 MHz @	-10 dB Return Loss	
输入阻抗			50 Ohms Nominal
驻波比			1.5 :1 Max
波长			470-850 nm
插入损耗			4 % Max
单面反射率			1 % Max
增透膜标准			MIL-C-48497
光功率密度			250 W/mm ²
消光比			1000 :1 Min
偏振			90 ° To Mounting Plane

波长性能参数

波长(nm)	488	532	633	800
饱和射频功率 (W)	0.5	0.7	1	1.5
布拉格角 (mr) 光	18.3	20	23.7	30
束分离角 (mr)	36.6	40	47.4	60

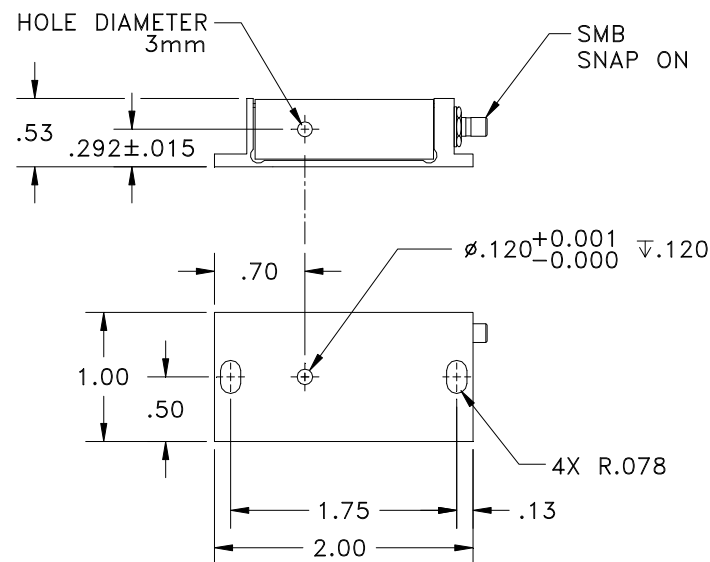
光束直径性能参数

光束直径(m)	800	800	800	800
波长(nm)	488	532	633	800
衍射效率(%)	85	85	80	80
上升时间(ns)	128	128	128	128



*透光孔径：性能指标适用的光学孔径范围

外形尺寸图:



Document

10/31/13

Control

Notes:

Max. Diffraction Efficiency achieved between 650 nm and 850 nm : 60%

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

TOLERANCES: .XX ± .01 .XXX ± .005	DR	Gerri Scholz 10/8/2013		
MATERIAL:	CHK		DESCRIPTION: AOMO 3315-125 315 MHz Frequency Shifter	
FINISH:	APP		PART NUMBER: 97-03152-02	REV: B
	APP			SHEET 1 OF 1