技术参数

声光介质	TeO2
声速	4.2 mm/μs
通光孔径*	2.5 mm 'L' X 1.5 mm 'H'
中心频率	270 MHz
射频带宽	50 MHz @ -10 dB Return Loss
输入阻抗	50 Ohms Nominal
驻波比	1.3 :1 Max
波长	470-690 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)	**470**	**532**	**633**	**690**
饱和射频功率 (W)	0.4	0.6	0.9	1.1
布拉格角 (mr)	15.1	17.1	20.3	22.2
光束分离角 (mr)	30.2	34.2	40.6	44.4

光束直径性能参数

光束直径(μm)	**1000**	**1000**	**1000**	**1000**
波长(nm)	470	532	633	690
衍射效率(%)	85	85	85	85
上升时间(ns)	159	159	159	159

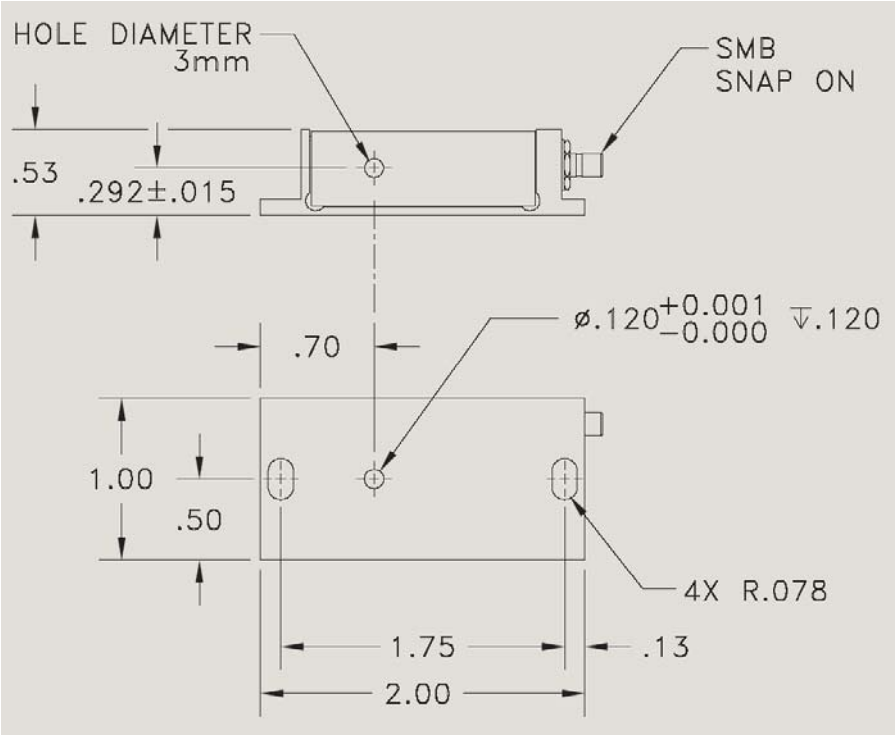
Document

02/12/16

Control

*通光孔径：性能指标适用的光学孔径范围

外形尺寸图:



Notes:
1. Measurements are in inches unless specified otherwise.

新特光电
Sintec Optronics

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	Geri Scholz 2/2/2016	Gooch & Housego		
MATERIAL:	CHK		DESCRIPTION: AOMO 3270-125 270 MHz Frequency Shifter		
FINISH:	APP				
	APP		PART NUMBER: 97-03348-01	REV: 1	SHEET 1 OF 1