

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			350 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

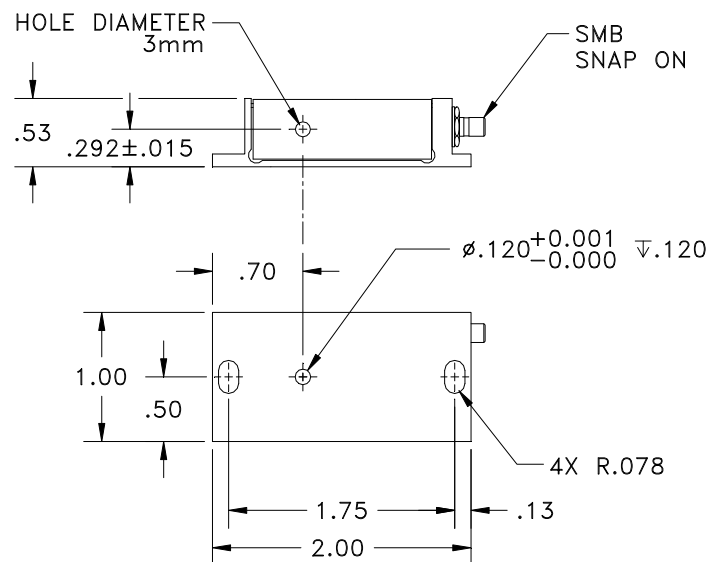
波长(nm)	488	532	633	800
饱和射频功率 (W)	0.5	0.7	1.0	1.5
布拉格角 (mr)	20.3	22.2	26.4	33.3
光束分离角 (mr)	40.6	44.4	52.8	66.6

光束直径性能参数

光束直径(μm)	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:



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TOLERANCES: .XX ± .01 .XXX ± .005	DR	Geri Scholz 10/8/2013	Gooch & Housego	
MATERIAL:	CHK		DESCRIPTION: AOMO 3350-125 350 MHz Frequency Shifter	
FINISH:	APP		PART NUMBER: 97-03152-01	REV: C
	APP			SHEET 1 OF 1