

技术参数

声光介质		TeO2
声速		4.2 mm/μs
透光孔径*	2.5 mm 'L' X	1 mm 'H'
中心频率		80 MHz
射频带宽	30 MHz @	-10 dB Return Loss
输入阻抗		50 Ohms Nominal
驻波比		1.3:1 Max
波长		1550 nm
插入损耗		4 % Max
单面反射率		0.5 % Max
增透膜标准		MIL-C-48497
光功率密度		50 MW/cm ²
消光比		1000:1 Min
偏振		90 ° To Mounting Plane

波长性能参数

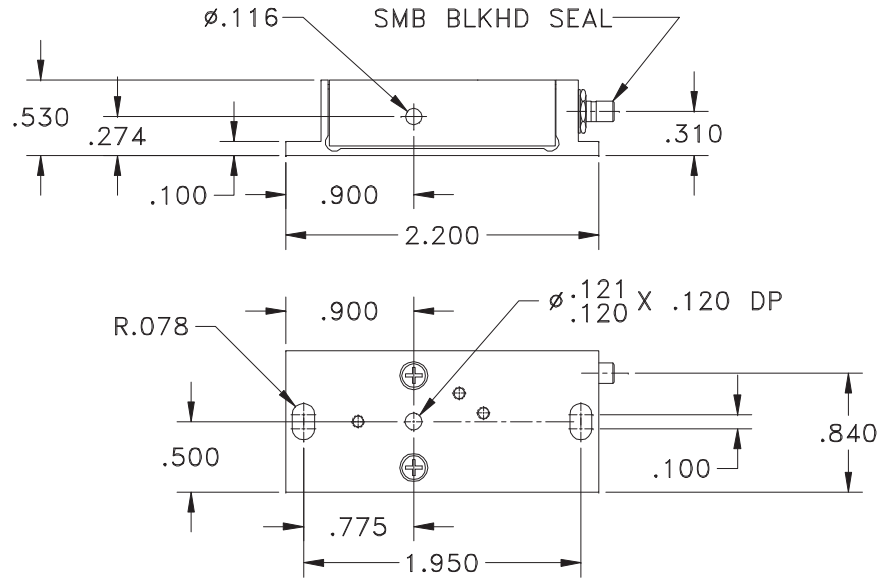
波长(nm)		1550
饱和射频功率 (W)		3.5
布拉格角 (mr)		14.8
光束分离角 (mr)		29.6

光束直径性能参数

光束直径(μm)		500
波长(nm)		1550
衍射效率(%)		80
上升时间(ns)		90
调制带宽		20
光束椭圆率		NA

*透光孔径：性能指标适用的光学孔径范围

外形尺寸图：



Document
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Control

Notes:



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TOLERANCES: .XX ± .01 .XXX ± .005	DR	Gerri Scholz 3/13/2017	Gooch & Housego		
MATERIAL:	CHK		DESCRIPTION: AOMO 3080-197 1550 nm, 80 MHz, Heatsink		
FINISH:	APP		PART NUMBER: 97-02848-02	REV: 1	SHEET 1 OF 1