

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	1047-1060 nm	
插入损耗	4 % Max	
单表面反射率	0.5 % Max	
反射膜镀膜标准	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

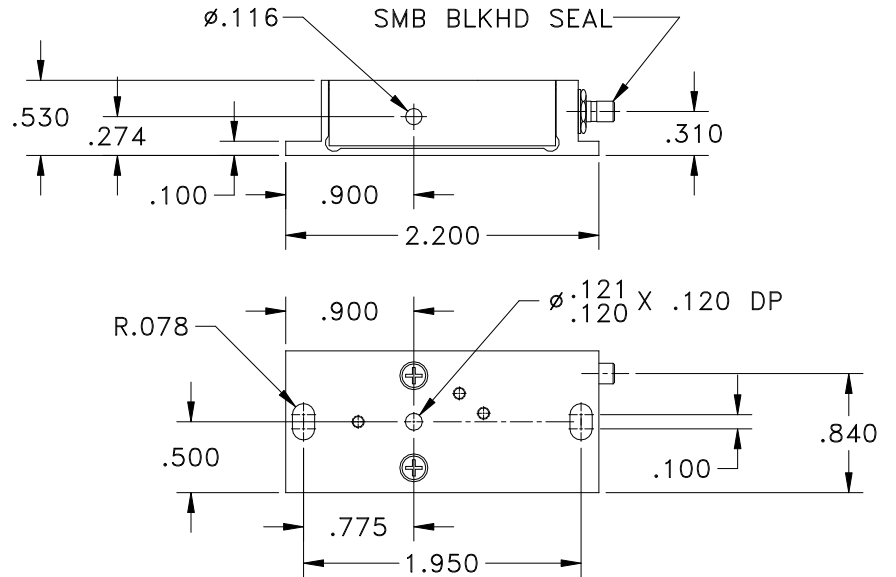
波长(nm)	1060		
饱和射频功率 (W)	1.5		
布拉格角 (mr)	10.1		
光束分离角 (mr)	20.2		

光束直径性能参数

光束直径(μm)	1000	500	250
波长(nm)	1060	1060	1060
衍射效率(%)	85	80	70
上升时间(ns)	153	78	41
调制带宽	20	20	20
光束椭圆率	NA	NA	NA

*透光孔径：性能指标所适用的孔径范围

外形尺寸图:



Notes:



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TOLERANCES: .XX ± .01 .XXX ± .005	DR	A. Campi 2/6/2026	Gooch & Housego		
MATERIAL:	CHK		DESCRIPTION: AOMO 3080-197 1.06 μm, 80 MHz, Heatsink		
FINISH:	APP		PART NUMBER: 97-02848-01	REV: D	SHEET 1 OF 1