

技术参数

声光介质	TeO2	
声速	4.2 mm/ μ s	
通光孔径*	2 mm 'L' X	1 mm 'H'
中心频率	80 MHz	
射频带宽	20 MHz @ -10 dB Return Loss	
输入阻抗	50 Ohms Nominal	
驻波比	1.3:1 Max	
波长	750-1064 nm	
插入损耗	5 % Max	
单表面反射率	<1.5 % Max	
反射膜镀膜标准	MIL-C-48497	
光功率密度	<250 W/mm ²	
消光比	1000:1 Min	
偏振	Perpendicular	To Mounting Plane

波长性能参数

波长(nm)	750	900	1064
饱和射频功率 (W)	.7	1.0	1.3
布拉格角 (mr)	7.1	8.6	10.13
光束分离角 (mr)	14.2	17.2	20.26

光束直径性能参数

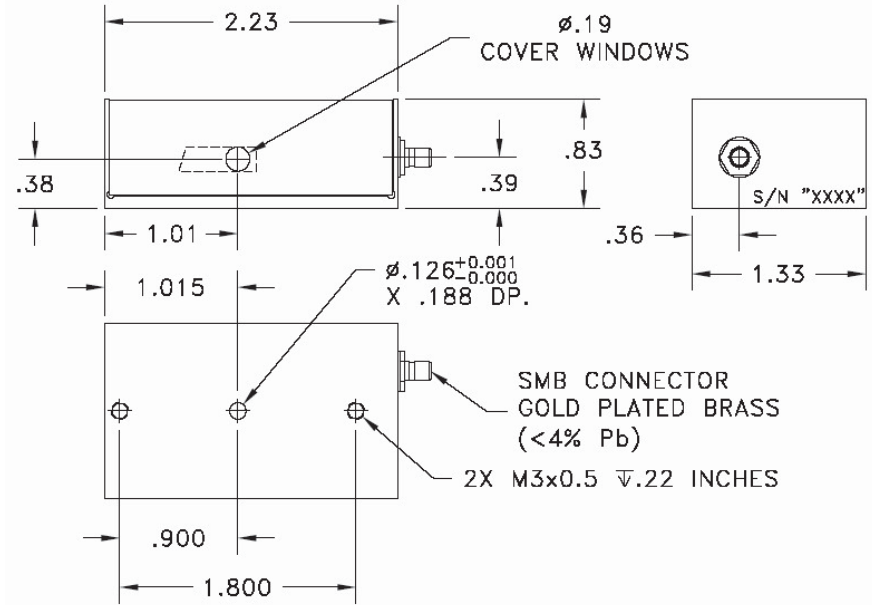
光束直径(μ m)	600	600	600
波长(nm)	750	900	1064
衍射效率(%)	>85	>85	>85
上升时间(ns)	96	96	96



Document
09/22/22
Control

*通光孔径：性能指标所适用的孔径范围

外形尺寸图:



NOTES:

- MATERIAL: 6061-T6 ALUMINUM.
- FINISH: ELECTROLESS NICKEL 500u INCHES PER AMS-2404C.

Notes:
MTBF 3500 hours with a 500W laser and a 1.5mm 1/e²
Maximum RF 3W
AR coating V_coat centered 850nm
Machined materials to be solvent cleaned, acetone and IPA 15 minutes each.
Storage temperature -20 to +60C, 90% RH non condensing.

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	T. NG 9/6/2022	Gooch & Housego		
MATERIAL:	CHK		DESCRIPTION: AOMO 3080 .75-1.06um,		
FINISH:	APP		PART NUMBER:	REV:	SHEET 1 OF 1
	APP		97-03466-01	B	