

技术参数

声光介质	Crystalline Quartz	
声速	5.74 mm/μs	
通光孔径*	1.5 mm 'L' X	1.5 mm 'H'
中心频率	175 MHz	
射频带宽	15 MHz @ -10 dB Return Loss	
输入阻抗	50 Ohms Nominal	
驻波比	1.2:1 Max	
波长	340-365 nm	
插入损耗	<1 % Max	
单面反射率	0.3 % Max	
增透膜标准	MIL-C-48497	
光功率密度		
消光比	1000:1 Min	
偏振	90° To Mounting Plane	

波长性能参数

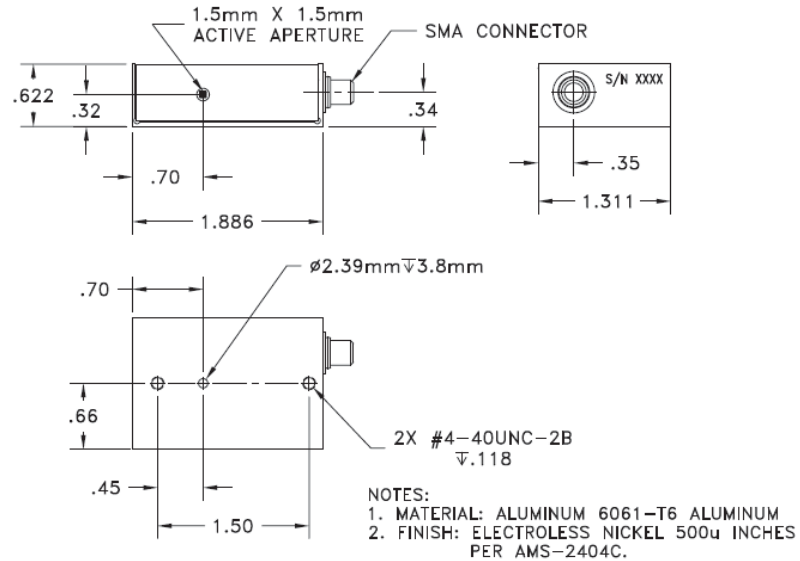
波长(nm)	<b>355</b>	
饱和射频功率 (W)	<2.5W	
布拉格角 (mr)	5.4	
光束分离角 (mr)	10.8	

光束直径性能参数

光束直径(μm)	<b>500</b>	<b>1000</b>
波长(nm)	355	355
衍射效率(%)	>85%	>90%
上升时间(ns)	59	117

\*通光孔径：性能指标适用的光学孔径范围

外形尺寸图:



新特光电  
Sintec Optronics

Document

05/08/20

Control

Notes:

- 1) SMA connector Gold plated Brass, <4% Pb.
- 2) Machined materials to be solvent cleaned: Acetone & IPA 15 minutes each.
- 3) Vacuum sealed final bagging.
- 4) BOM revision controlled, notify customer 90 days in advance of change.

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	A. Campi 4/27/2020	Gooch & Housego	
MATERIAL:	CHK		DESCRIPTION: <b>AOMO 3175-1999</b> Quartz, .340-.365um RoHS	
FINISH: RoHS Compliant	APP		PART NUMBER: 97-03386-02	REV: B
	APP		SHEET 1 OF 1	