

技术参数

声光介质	Crystalline Quartz
声速	5.74 mm/μs
通光孔径*	2 mm 'H'
中心频率	80 MHz
射频带宽	2 MHz @ -9 dB Return Loss
输入阻抗	50 Ohms Nominal
驻波比	1.2 :1 Max
工作波长	1064 nm
插入损耗	1 % Max
单面反射率	0.1 % Max
增透镀膜标准	MIL-C-48497
光功率密度	500 MW/cm ²
消光比	1000 :1 Min
偏振	90 ° To Mounting Plane

波长性能参数

工作波长 (nm)	1064
射频驱动功率(W)	25
布拉格角(mr)	7.4
光束分离角 (mr)	14.8

光束直径性能参数

光束直径 (μm)	550
对应工作波长 (nm)	1064
衍射效率 (%)	NA
上升时间 (nsec)	50
调制带宽	NA
光束椭圆度	NA

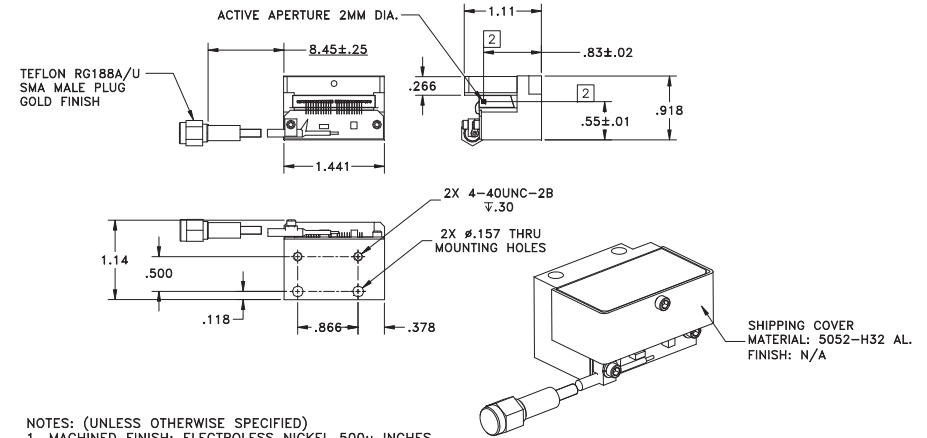
特殊测试项目

	Min	Units	Max
损耗调制	85	%	

*通光孔径：器件中适用于规定性能指标的有效通光孔径范围。

外形尺寸图:

Package 97-03306-01-15r1



NOTES: (UNLESS OTHERWISE SPECIFIED)
1. MACHINED FINISH: ELECTROLESS NICKEL 500μ INCHES PER AMS-2404C, MUST BE RoHS COMPLIANT.
2. CENTER LINE OF ACTIVE APERTURE.

Document

06/16/15

Control

Notes:

Optical path 30mm; conduction cooled through base.
Optical window parallelism <1 arc minute.
MECHANICAL OUTLINE PER 97-03306-01-15
Optical power density for 20nsec pulses



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TOLERANCES: .XX ± .01 .XXX ± .005	DR	Tom Ng 6/12/2015	Gooch & Housego		
MATERIAL:	CHK	RoHS	DESCRIPTION: AOQS 5080		
FINISH:	APP	Compliant	30mm, SMA 8.45", ROHS		
	APP		PART NUMBER: 97-03306-01	REV: 1	SHEET 1 OF 1