

技术参数

声光介质	Crystalline Quartz
声速	5.74 mm/μs
通光孔径*	1 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)	3.5
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
	NA
	50
调制带宽	NA
光束椭圆度	NA

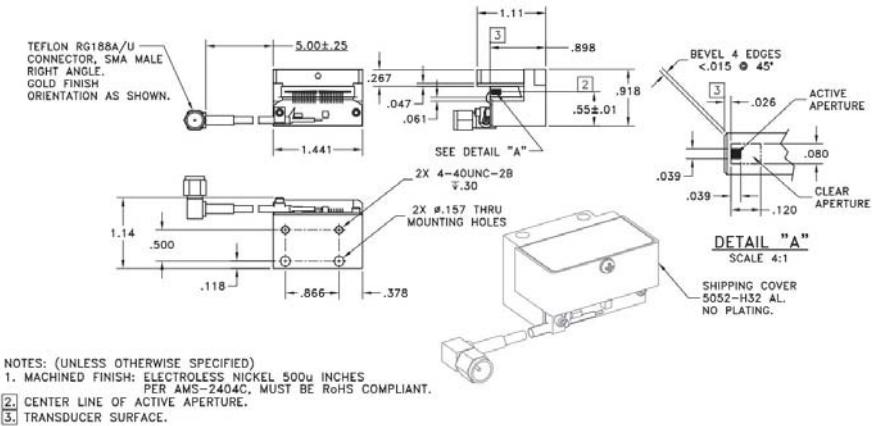
特殊测试项目

	Min	Units	Max
损耗调制	50	%	

*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 97-03278-03



Notes:

Optical path 30mm; conduction cooled through base.
Maximum RF 10W
Optical window parallelism <1 arc minute.
MECHANICAL OUTLINE PER 97-03278-03-15
Optical power density for 20nsec pulses
Clear aperture surface quality: 10-5, 20x inspection

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	Tom Ng 9/27/2024	DESCRIPTION: AOQS 5080-2910 30mm, RT ANGLE SMA, ROHS
MATERIAL:	CHK		
FINISH:	APP		
	APP		
		PART NUMBER: 97-03278-03	REV: 1
			SHEET 1 OF 1