

### 技术参数

声光介质	Crystalline Quartz	
声速	5.74 mm/μs	
通光孔径*	6.6 mm 'L' X	6.6 mm 'H'
中心频率	110 MHz	
射频带宽	20 MHz @ -10 dB Return Loss	
输入阻抗	50 Ohms Nominal	
驻波比	1.2 :1 Max	
波长	343-355 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)	<12W
布拉格角 (mr)	3.4
光束分离角 (mr)	6.8

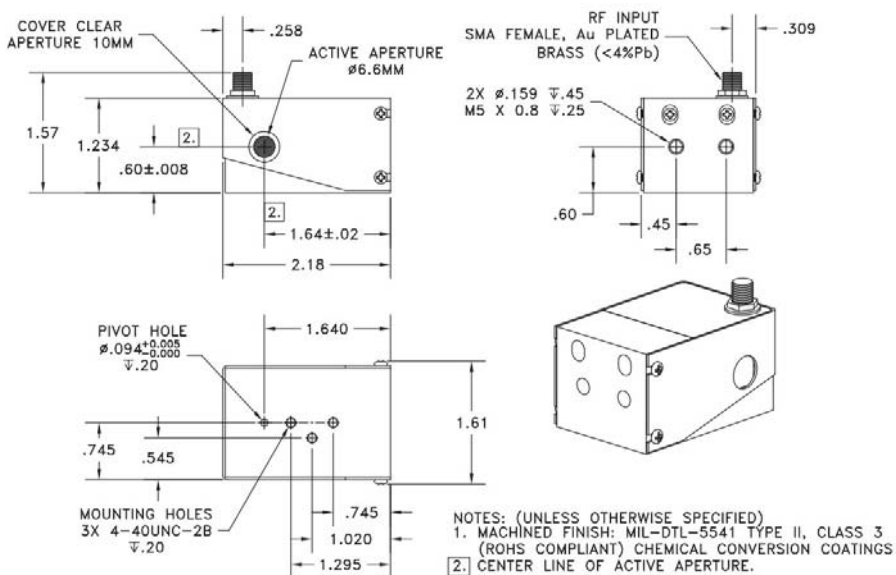
### 光束直径性能参数

光束直径(μm)	<b>4500</b>
波长(nm)	355
衍射效率(%)	95
上升时间(ns)	523

**Document**  
02/18/2025  
Control

\*通光孔径：性能指标适用的光学孔径范围

### 外形尺寸图:



#### Notes:

1. mechanical outline per 97-03298-01-15
2. optical window wedge <1'.

\*-.7db roll off of efficiency at vertical aperture edges.

THIS DOCUMENT IS THE PROPERTY OF GOOCH AND HOUSEGO. IT IS NOT TO BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART OTHER THAN BY EMPLOYEES OF GOOCH AND HOUSEGO AND ITS CONTRACTED REPRESENTATIVES AND DISTRIBUTORS. ANY EXCEPTION REQUIRES THE WRITTEN CONSENT OF AN AUTHORIZED REPRESENTATIVE OF GOOCH AND HOUSEGO.

TOLERANCES: .XX ± .01 .XXX ± .005	DR	A. Campi 2/5/2025	Gooch & Housego		
MATERIAL:	CHK		DESCRIPTION: <b>AOMO 3110-1999</b> Quartz, 355um		
FINISH:	APP		PART NUMBER: 97-03298-01	REV: 3	SHEET 1 OF 1
	APP				