

技术参数

声光介质	Crystalline Quartz	
声速	5.74 mm/μs	
通光孔径*	6 mm 'L' X	6 mm 'H'
中心频率	170 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	532 nm	
插入损耗	1 % Max	
单面反射率	0.3 % Max	
AR 镀膜	MIL-C-48497	
光功率密度		
消光比	1000:1 Min	
偏振	90 ° To Mounting Plane	

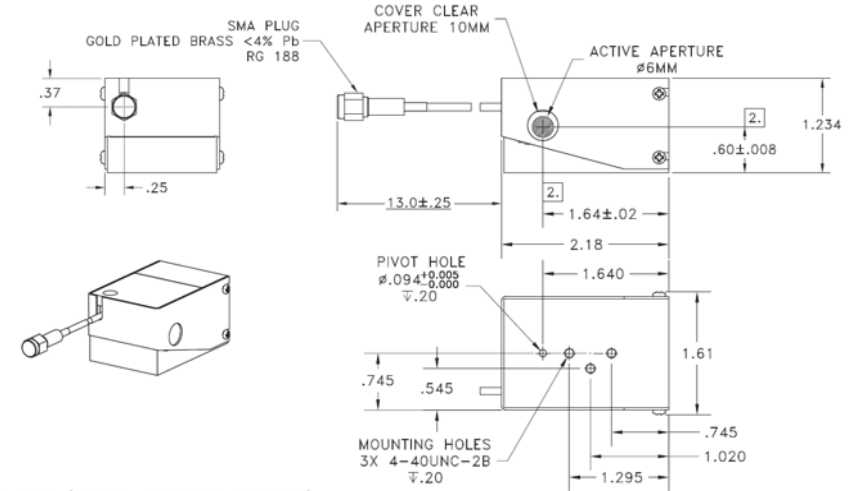
波长性能参数

波长 (nm)	532
工作射频功率 (W)	25W
布拉格角(mr)	7.9
光束分离角(mr)	15.8

光束直径性能参数

光束直径 (μm)	3500
波长 (nm)	532
衍射效率(%)	85
上升时间 (nsec)	407

外观尺寸图



- NOTES: (UNLESS OTHERWISE SPECIFIED)
 1. MACHINE FINISH: MIL-DTL-5541 TYPE II, CLASS 3
 (ROHS COMPLIANT) CHEMICAL CONVERSION COATINGS
 2. CENTER LINE OF ACTIVE APERTURE.



Document
 03/23/21
 Control

Notes:

1. Mechanical Outline per 97-03455-01-15r1
2. Optical window wedge <1'.
3. Water cooled, 1GPM, <28C

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 3/19/2021	Gooch & Housego		
MATERIAL:	CHK		DESCRIPTION: AOMO 3170		
FINISH:	APP		Quartz, 532um		
	APP		PART NUMBER: 97-03455-01	REV: 1	SHEET 1 OF 1

*Active Aperture: Aperture over which performance specifications apply.