

技术参数

声光介质	TeO ₂		
声速	4.2 mm/μs		
透光孔径*	2.5 mm 'L' X	0.32 mm 'H'	
中心频率	200 MHz		
射频带宽	50 MHz @	-9 dB Return Loss	
输入阻抗	50 Ohms Nominal		
驻波比	1.3 :1 Max		
波长	548-690 nm		
插入损耗	4 % Max		
单面反射率	1 % Max		
增透膜标准	MIL-C-48497		
光功率密度	250 W/mm ²		
消光比	2000 :1 Min		
偏振	90 ° To Mounting Plane		

波长性能参数

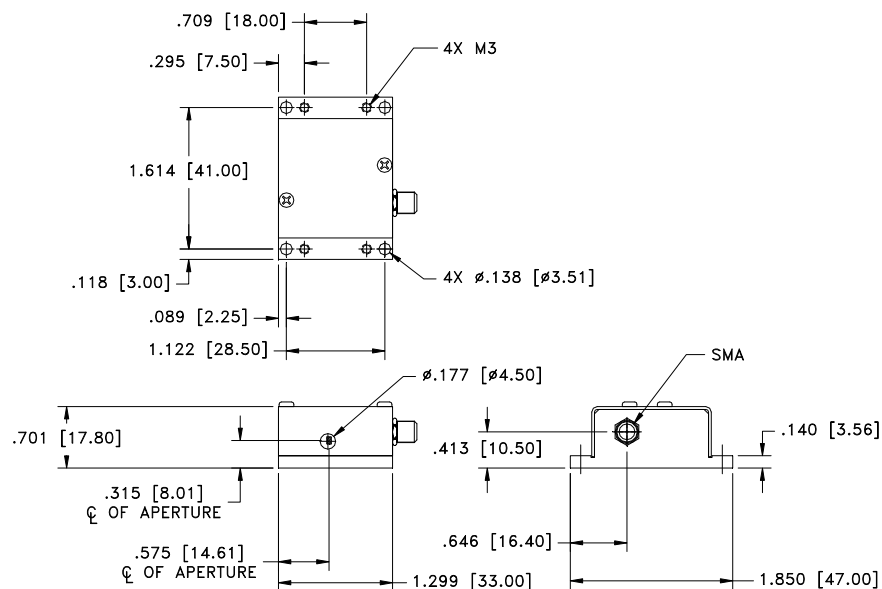
波长(nm)	458	532	690
饱和射频功率 (W)	0.7	0.7	1.0
布拉格角 (mr)	10.9	12.7	16.4
光束分离角 (mr)	21.8	25.4	32.8

光束直径性能参数

光束直径(μm)	60	80	100	120
波长(nm)	690	690	690	690
衍射效率(%)	65	73	77	80
上升时间(ns)	14	17	20	23
调制带宽	52	40	31	26.5
光束椭圆率	15	8	4	2

*透光孔径：性能指标适用的光学孔径范围

外形尺寸图:



Document

10/31/13

Control

Notes:



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TOLERANCES: .XX ± .01 .XXX ± .005	DR	Tom Ng 10/8/2013			
MATERIAL:	CHK		DESCRIPTION: AOMO 3200-192 SMA, 458-690nm		
FINISH:	APP		PART NUMBER: 97-02482-01	REV: E	SHEET 1 OF 1