

技术参数

声光介质	TeO2
声速	.68 mm/μs
通光孔径*	2.5 mm Dia
射频频率范围	80-152 MHz
射频带宽 (FWHM)	1115 KHz @ 515 nm
波长范围	430-670 nm
驻波比	2.4 :1 Max
输入阻抗	50 Ohms Nominal
插入损耗	3 % Max
温度灵敏度	0.05 nm/C
衍射光束指向一致性	≤0.01 degrees
入射光偏振	Vertical
输出光偏振	Horizontal
最大射频功率	3 W

特殊测试

衍射效率
(入射光波长条件下, 输入发散角 < 2 mrad)

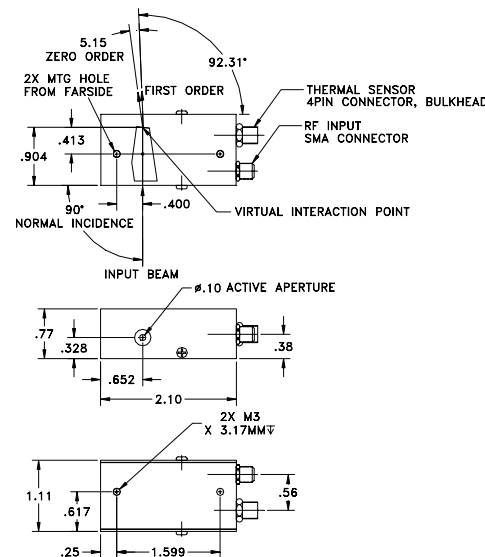
最小值 单位 最大值

90 %

*通光孔径: 指性能指标所适用的有效孔径范围。

外形尺寸图:

Package 97-02885-04-15r1



Document
04/23/08
Control

Notes:

Simultaneous Diffraction, any 8 wavelengths
Random Wavelength Access Time: < 1.5 usec (1 mm Beam Diameter)
FWHM @ 515 = 3.5nm
Max RF Power with 8 Simultaneous Frequencies = 3W

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	Tom NG 4/18/2008	Crystal Technology, Inc. DESCRIPTION: AOTF PCAOM 80-152 MHz Vert. Pol. 4X
MATERIAL:	CHK		
FINISH:	APP		
	APP		PART NUMBER: 97-02885-04
			REV: C
			SHEET 1 OF 1