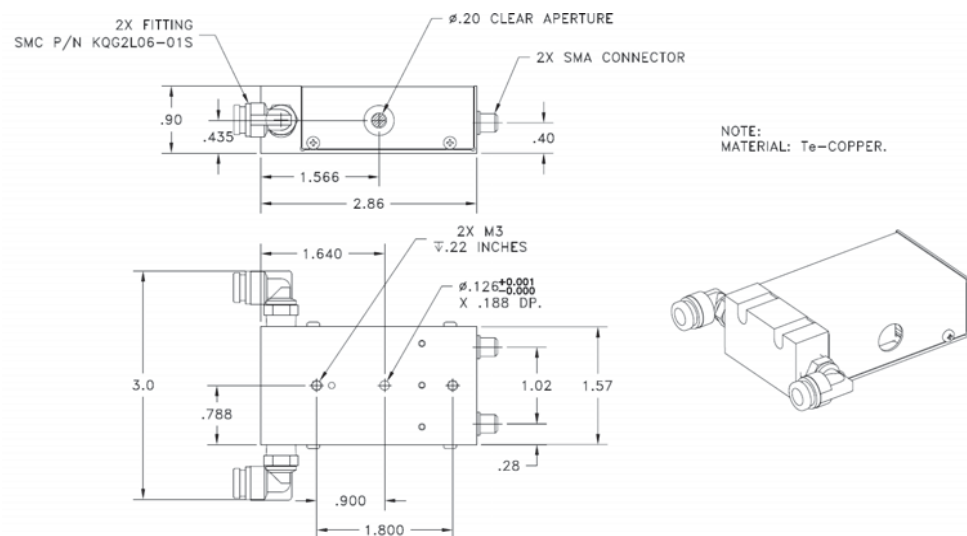


技术参数

声光介质
 声波模式
 声速
 波长
 输入偏振
 输出偏振
 插入损耗
 中心频率
 射频带宽
 射频驱动功率
 通光孔径
 平均衍射效率
 带宽内光强变化
 最小衍射效率
 峰值@633 nm
 RMS at 633 nm
 驻波比
 扫描角
 时间带宽积

TeO₂
 Longitudinal
 4.20 mm/μs
 1064 nm
 Vertical
 Vertical
 <1%
 102.5 MHz
 50MHz
 8W*
 4mm dia.
 N/A
 N/A
 70%
 N/A
 N/A
 2.0:1
 13.9mrad
 N/A

外观尺寸图



Notes:

1. Input Impedance is 50 Ohms.
2. Electrode: Two Element Phased Array. Delay splitter included.
3. MTBF 3500 hours with a 500W laser and a 1.5mm 1/e² beam diameter. Lifetime limited by bulk optical damage.
4. Maximum peak optical power: 100MW/cm², 20nsec, 1.06μm.
5. water cooled, 2-3L/min. <25C. Water channels Te_Cu



Document
03/27/20
Control

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	Tom Ng 3/16/2020	Gooch & Housego	
MATERIAL:	CHK		DESCRIPTION: AODF 4100-5	
FINISH: 	APP		PART NUMBER:	REV:
	APP		97-03120-01	3
			SHEET 1 OF 1	