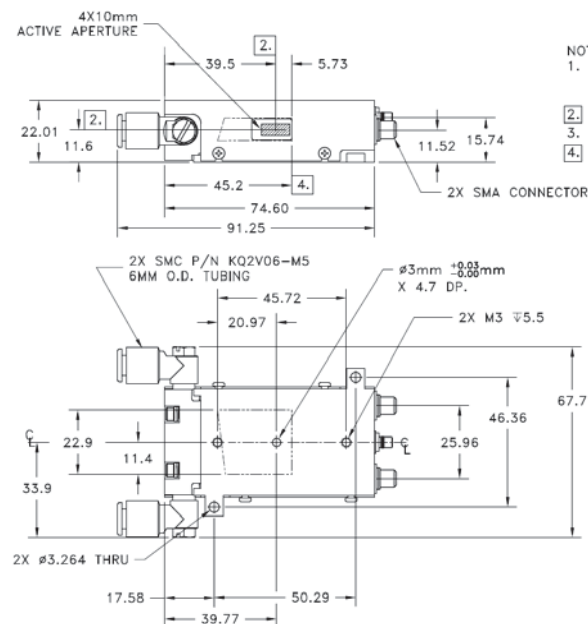


技术参数

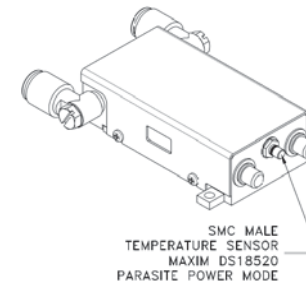
声光介质
 声波模式
 声速
 波长
 输入偏振
 输出偏振
 插入损耗
 中心频率
 射频带宽
 射频驱动功率
 通光孔径
 平均衍射效率
 带宽内衍射效率平坦度
 最小衍射效率
 峰值@633 mm
 RMS at 633 mm
 驻波比
 扫描角
 时间带宽积

Crystal Quartz
 Longitudinal
 5.74mm/ μ s
 532nm
 90° to Mounting Plane
 90° to Mounting Plane
 1%
 147.5 MHz
 85 MHz
 30W
 4x10mm
 85% nominal
 0.1
 N/A
 1.6:1
 7.9 mrad
 N/A

外观尺寸图



NOTES: (UNLESS OTHERWISE SPECIFIED)
 1. MACHINED FINISH: ELECTROLESS NICKEL 500 μ INCHES PER AMS-2404C, CURRENT REACH & RoHS COMPLIANT.
 2. CENTER LINE OF ACTIVE APERTURE.
 3. WATER CHANNEL Te-Cu.
 4. TRANSDUCER SURFACE.



Notes:

1. 2 element phased array.
2. Input Impedance 50 Ohms.
3. Unit to be water cooled. Water channels Te-Cu.
4. Mechanical Outline per 97-03404-02-15.
5. Window wedge <1'.



Document

11/15/19

Control

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TOLERANCES: .XX $\pm$.01 .XXX $\pm$.005	DR	G. Scholz 11/7/2019	Gooch & Housego	
MATERIAL:	CHK		DESCRIPTION: AODF 4140 Quartz 532nm	
FINISH:	APP		2 Elec. Phased Array, Apodized	
	APP		PART NUMBER: 97-03404-02	REV: 1
			SHEET 1 OF 1	