

技术参数

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|-------|-----------------------------------|------------|
| 声光介质 | TeO2 | |
| 声速 | 4.2 mm/μs | |
| 通光孔径* | 2 mm 'L' X | 2.5 mm 'H' |
| 中心频率 | 80 MHz | |
| 射频带宽 | 20 MHz @ -10 dB Return Loss | |
| 输入阻抗 | 50 Ohms Nominal | |
| 驻波比 | 1.3:1 Max | |
| 波长 | 2000 nm | |
| 插入损耗 | 1 % Max | |
| 单面反射率 | <.5 % Max | |
| 增透膜标准 | MIL-C-48497 | |
| 光功率密度 | 100 MW/cm ² | |
| 消光比 | 1000:1 Min | |
| 偏振 | Perpendicular ° To Mounting Plane | |

波长性能参数

| | |
|------------|------|
| 波长(nm) | 2000 |
| 饱和射频功率 (W) | <12W |
| 布拉格角 (mr) | 19 |
| 光束分离角 (mr) | 38 |

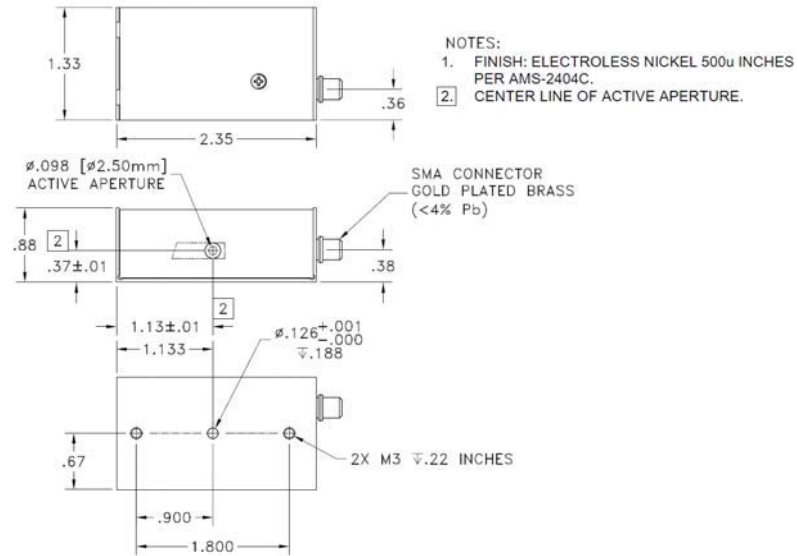
光束直径性能参数

| | |
|-----------|------|
| 光束直径(μm) | 1000 |
| 波长(nm) | 2000 |
| 衍射效率(%) | >85 |
| 上升时间(ns) | 160 |
| 射频频率(MHz) | |



*通光孔径：性能指标适用的光学孔径范围

外形尺寸图：



Document
 10/19/20
 Control

Notes:

MTBF 3500 hours with a 500W laser and a 1.5mm 1/e²
 Conduction cooled. Mounting surface to be maintained at <40C with 10W dissipation
 Max RF 12W.

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| TOLERANCES: .XX ± .01 .XXX ± .005 | DR | I. Medina 10/15/2020 | Gooch & Housego | |
| MATERIAL: | CHK | | DESCRIPTION: AOMO 3080-1916 2.0um | |
| FINISH: | APP | | PART NUMBER: 97-03448-01 | REV: 1 |
| | APP | | | SHEET 1 OF 1 |