

SLM5-P200-0p7

AO Deflector / Scophony Modulator



0421

OPERATING PARAMETERS

A/R wavelengths:	488-633nm, 633-830nm
$\tau\Delta f$:	520
Center Frequency:	200MHz
3dB Bandwidth:	100MHz
Active Aperture:	0.75mmH x 19mmL
Time Aperture:	5.2 μ s
Interaction Medium:	PbMoO ₄
Acoustic Velocity:	3.63mm/ μ s
Diffraction Efficiency:	>80% (488-633nm)
Electrode Profile:	Apodized to minimize acoustic walkoff
Optical Surface Flatness:	$\lambda/10$ or better
Input Impedance:	50 Ω
Input VSWR:	$\leq 2:1$ across RF Bandwidth
Optical Reflectivity:	$\leq 0.5\%$ /Surface

DRIVERS

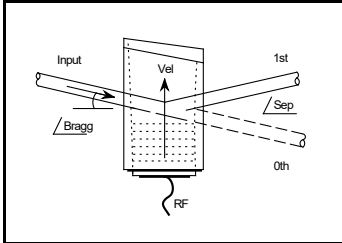
555F-2, fixed frequency, dual modulation

620C-200 variable frequency, digital amplitude modulation

630C-200 variable frequency, analog amplitude modulation

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 ISOMET CORP, 10342 Battlevue Parkway, Manassas, VA 20109, USA.
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Quality Assured.
In-house: Crystal Growth,
Optical Polishing,
A/R coating, Vacuum Bonding



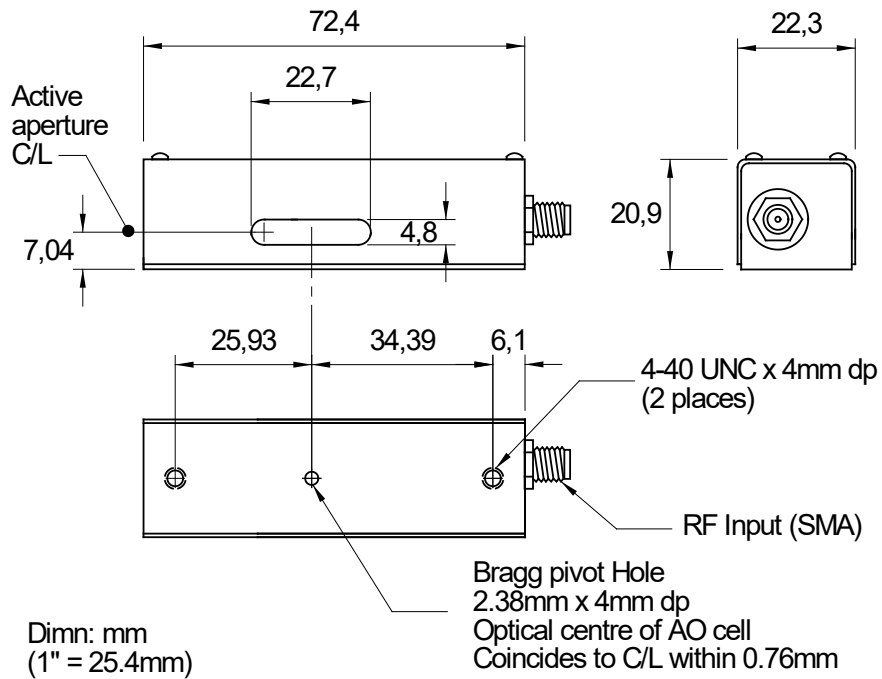
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OUTLINE DRAWING



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