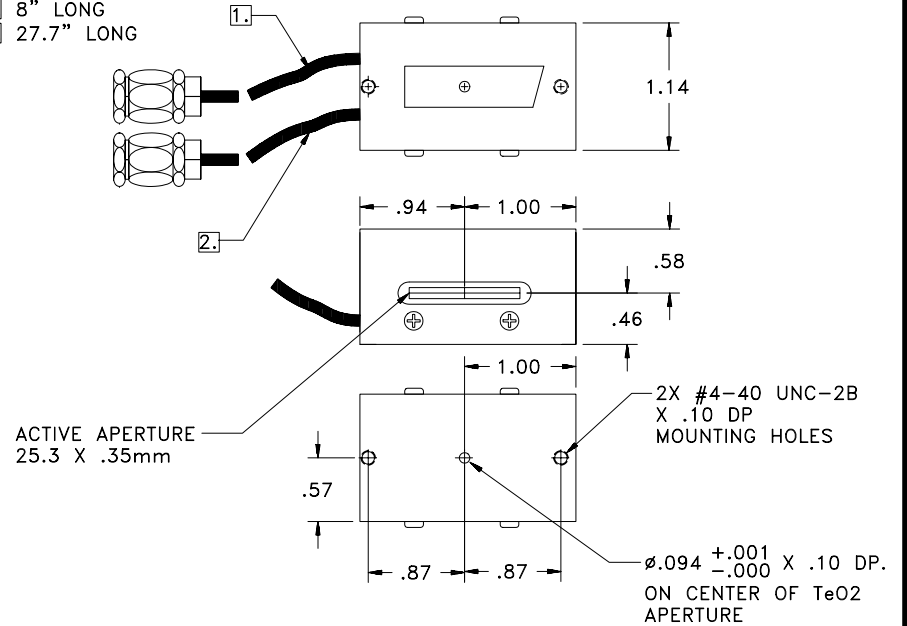


SPECIFICATIONS

OUTLINE DRAWING

AO Medium	TeO ₂
Acoustic Mode	Longitudinal
Acoustic Velocity	4.20 mm/μs
Wavelength	364 - 647 nm
Input Polarization	90° to Mounting Plane
Output Polarization	90° to Mounting Plane
Insertion Loss (2)	6% (See note 2)
Center Frequency (Fc)	300 MHz
RF Bandwidth	220 MHz
RF Power	2.2 Watts
Active Aperture	0.5mm "H" X 25.2 "L" mm
Average Diffraction Efficiency (1)	N/A
Flatness Across Bandwidth	N/A
Min Diffraction Efficiency	50%
Peak Valley at 633 nm	<0.100
RMS at 633 nm	N/A
VSWR	2.2:1
Scan Angle	23.2 mrad @ 488 nm
Time Bandwidth	1200

SMA, SEAELECTRO CABLE PLUG
CONNECTOR #50-3188-31
RG 174/U CABLE.
CABLE ① 8" LONG
CABLE ② 27.7" LONG



Notes:

- Diffraction Efficiency is:
50% @ 364 nm
40% @ 488 - 568 nm
20% @ 647 nm
- Insertion Loss is:
20% @ 364 nm
6% @ 458 - 647 nm
- Input Impedance is 50 Ohms.
- Anti-Reflection Coating < 1% both sides.
- Static Contrasts Ratio > 1000:1.

For Reference Only

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TOLERANCES: .XX ± .01 ± .XXX .005	DR	A. Campi 4/3/2003	Crystal Technology, Inc. DESCRIPTION: AODF 4300		
MATERIAL:	CHK				
FINISH:	APP				
	APP		PART NUMBER:	REV:	SHEET 1 OF 1