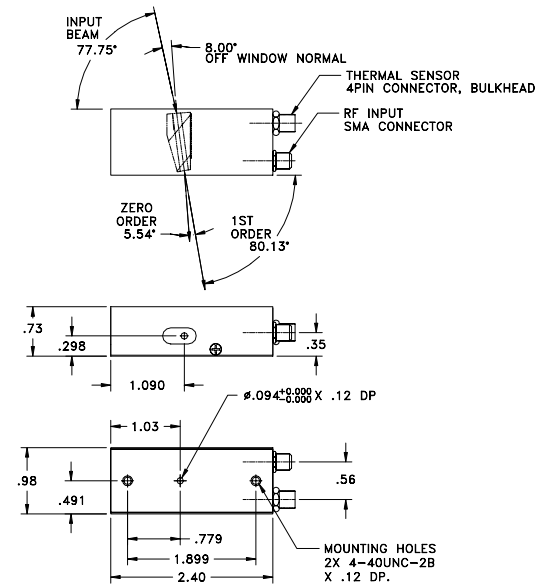


SPECIFICATIONS

AO Medium	TeO2
Acoustic Velocity	.68 mm/μs
Active Aperture*	2.5 mm Dia
RF Frequency Range	80-152 MHz
RF Bandpass (FWHM)	280MHz @ 476 nm
Wavelength Range	430-670 nm
VSWR	2.0:1 Max
Input Impedance	50 Ohms Nominal
Insertion Loss	3 % Max
Temperature Sensitivity	.05 nm/C
Diffacted Beam Collinearity, min deviation	.01 degrees
Input Optical Polarization	Vertical
Output Optical Polarization	Horizontal
Max RF Power (8 Freq)	1 watt

Outline Drawing: Package 97-02827-01



For Reference Only

Notes:
 Simultaneous Diffraction, any 8 wavelengths
 Random Wavelength Access Time: < 1.5 usec (1 mm Beam Diameter)

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Special Testing	Min	Units	Max
Optical Efficiency, (per wavelength input divergence < 2 mrad)	90	%	

TOLERANCES: .XX ± .01 .XXX ± .005	DR	J.D. Kump 8/4/2005		Crystal Technology, Inc.
MATERIAL:	CHK		DESCRIPTION: AOTF PCAOM 80-152 MHz Vert. Pol.	
FINISH:	APP		PART NUMBER: 97-02827-01	REV: B
			SHEET	1 OF 1

*Active Aperture: Aperture over which performance specifications apply.