

REVISIONS					
ZONE	REV	DESCRIPTION	ECO NO.	APPD.	DATE
ALL	0	INITIAL RELEASE	.	NGO	11/17/98


Near-IR AOTF specification

Wavelength Range: 1.40-2.45um
 R.F Tuning Range: 52.5-95 Mhz
 Active Optical Aperture: 3 "H" x 5.5 "L" mm
 1st order diffraction Angle: 7.6 (minimum)
 Static optical transmission: >95%

Optical acceptance cone: +/- 3 degrees
 (No polarizers required)
 Optical resolution: 3.5 nm @ 1.4 um
 (FWHM) 10.0 nm @ 2.45 um
 Diffraction Efficiency: 80% @ 1.4 um
 (3.0 W R.F., polarized light) 45% @ 2.45um

For Reference Only

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FINISH: SEE NOTES	CONTRACT NUMBER		Crystal Technology, Inc.	
MATERIAL: SEE NOTES	DR. TOM-NGO 11/13/98		A Siemens Company	
SPEC. NO.	CHK.	TITLE: AOTF		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPD.	52.5-94MHz, 1.4-2.45um		
TOLERANCES		DESIGN ACTIVITY APPROVAL:	SIZE B	DWG. NO. 97-02405-01
INCHES .XX ± .01	MILLIMETERS X.XX ± 0.25	CUSTOMER APPROVAL:	REV. 0	
.XXX ± .005	X.XXX ± 0.125		SCALE: 2:1	SH. 1 OF 1
.XXXX ± .0020	SURFACE FINISH 63/	DO NOT SCALE DRAWING		
ANG ± 5°				