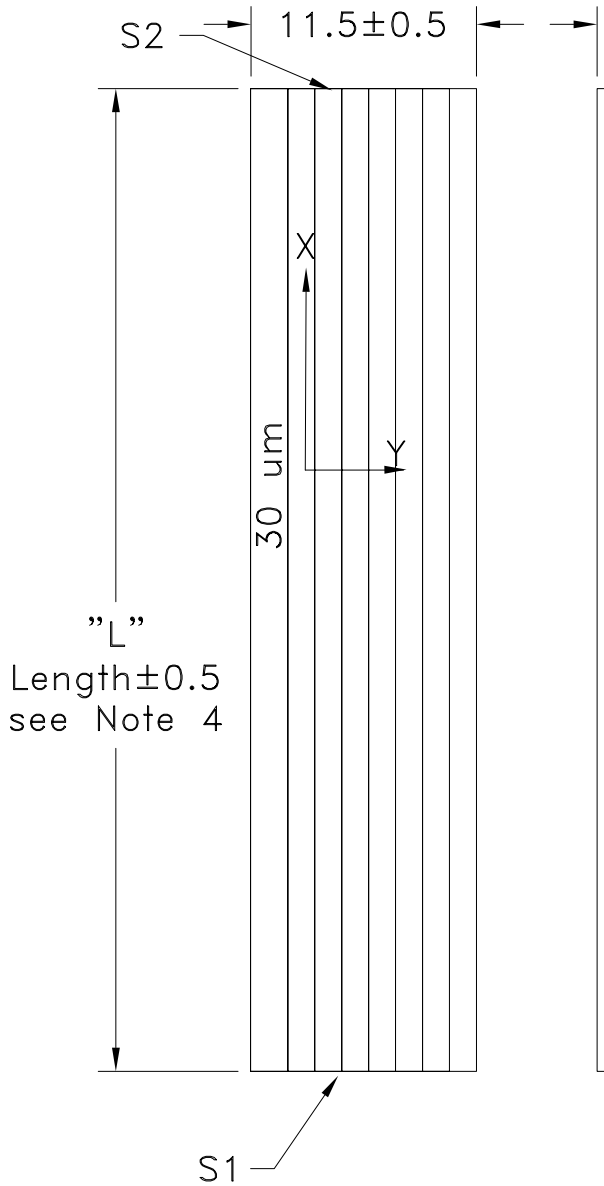


**For Reference
Only**

REVISIONS					
ZONE	REV	DESCRIPTION	ECO NO.	APPD.	DATE
ALL	D	Scribing Required		MAS	2/26/06



NOTES:

1. Material is congruent, periodically-poled lithium niobate. Domain periods are 30.0, 30.2, 30.4, 30.6, 30.8, 30.95, 31.1, 31.2 microns from left to right. The stripes are 1.3mm (Y) in width separated by 0.09mm wide uniformly poled regions. The stripe with period 30.0 microns has an extra 0.5mm width. The ±Z faces are etched to decorate domains. They may appear spotty and uneven.
2. S1 and S2 are polished to 20-10 scratch dig, flat to 1/8 wave. Edges not bevelled. Edge-chips larger than 100 microns on S1 and S2 are fewer than 2 per face. The aperture size in the Z dimension of S1 and S2 is a minimum of 400 microns.
3. S1 and S2 are parallel to each other within ±5 minutes.
4. Part number: "L" length:
 97-02256-01: 19mm
 97-02256-02: 50mm
 Note: Individual parts are to be inscribed with the respective part number.

FINISH: SEE NOTES		CONTRACT NUMBER		 Crystal Technology, Inc. AN EPCOS Company
MATERIAL: SEE NOTES		DR. DHJ	7/17/02	
SPEC. NO.		CHK.		TITLE: PPLN 11.5(Y)x 0.5(Z)x "L" (X) PERIODS 30 to 31.2 MICRONS
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN mm		APPD.		
TOLERANCES		APPD.		SIZE A
INCHES	MILLIMETERS	DESIGN ACTIVITY APPROVAL:		
.XX ± .01	X.XX ± 0.25	CUSTOMER APPROVAL:		DWG. NO. 97-02256-0X
.XXX ± .005	X.XXX ± 0.125			REV. D
.XXX ± .0020	SURFACE FINISH 63/	DO NOT SCALE DRAWING		SCALE: N/A
ANG ± .5°				SH. 1 OF 1

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