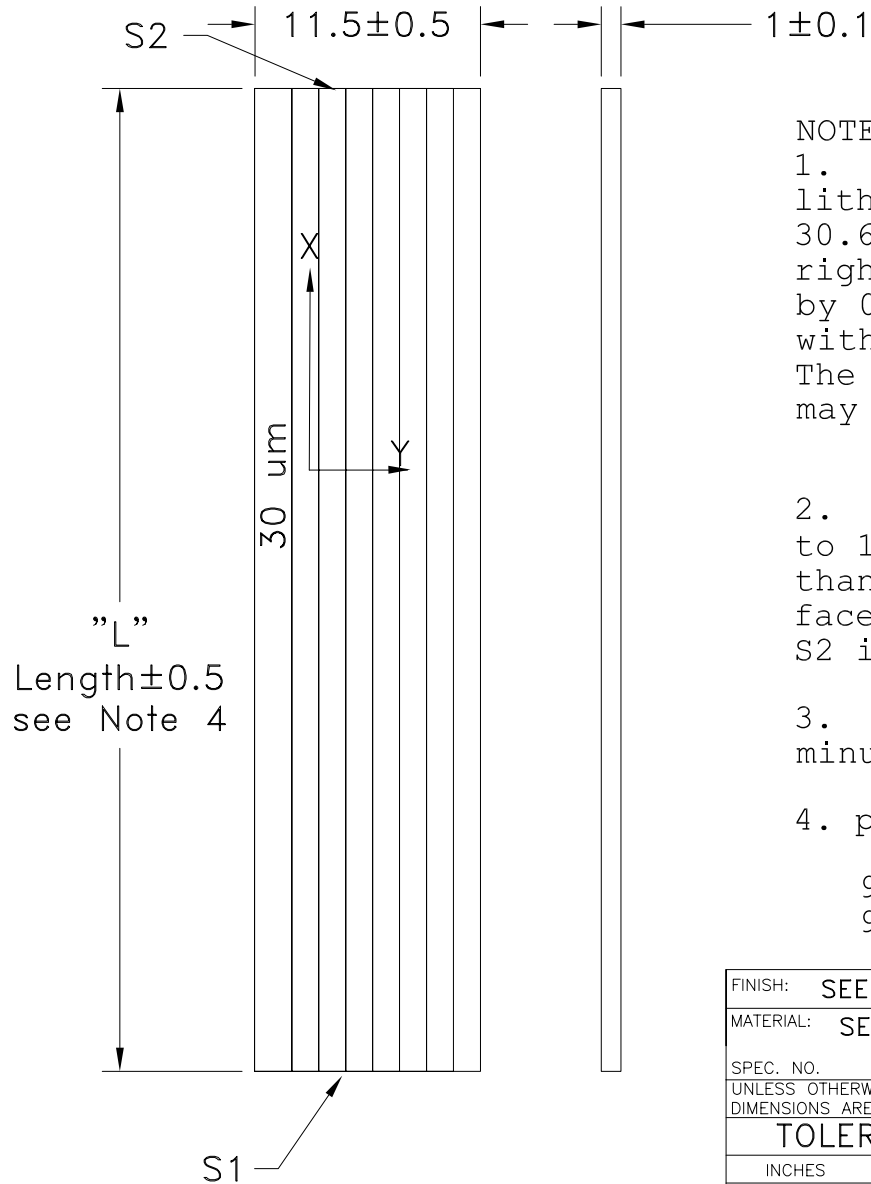


## REVISIONS

ZONE	REV	DESCRIPTION	ECO NO.	APPD.	DATE
ALL	B	Redraw	12502	DHJ	7/17/02




**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 900 microns.
3. S1 and S2 are parallel to each other within ±5 minutes.
4. part number length:  
"L"

97-02383-01: 19mm  
97-02383-02: 50mm

**For Reference Only**

FINISH: SEE NOTES		CONTRACT NUMBER			<b>Crystal Technology, Inc.</b> AN EPCOS Company	
MATERIAL: SEE NOTES		DR.	DHJ			
SPEC. NO.		CHK.		TITLE: PPLN 11.5(Y)x 1(Z)x "L" (X) PERIODS 30 to 31.2 MICRONS		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN mm		APPD.				
<b>TOLERANCES</b>		APPD.		SIZE <b>A</b> DWG. NO. <b>97-02383-0X</b> REV. <b>B</b>		
INCHES	MILLIMETERS	DESIGN ACTIVITY APPROVAL:				
.XX ± .01	X.XX ± 0.25	CUSTOMER APPROVAL:		DO NOT SCALE DRAWING		
.XXX ± .005	X.XXX ± 0.125					
.XXX ± .0020	SURFACE FINISH 63/	SCALE: N/A		SH. 1 OF 1		
ANG ± .5°						

THIS DOCUMENT IS THE PROPERTY OF CRYSTAL TECHNOLOGY, INC. IT IS NOT TO BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART OTHER THAN BY EMPLOYEES OF CRYSTAL TECHNOLOGY AND ITS CONTRACTED REPRESENTATIVES AND DISTRIBUTORS. ANY EXCEPTION REQUIRES THE WRITTEN CONSENT OF AN AUTHORIZED REPRESENTATIVES OF CRYSTAL TECHNOLOGY.