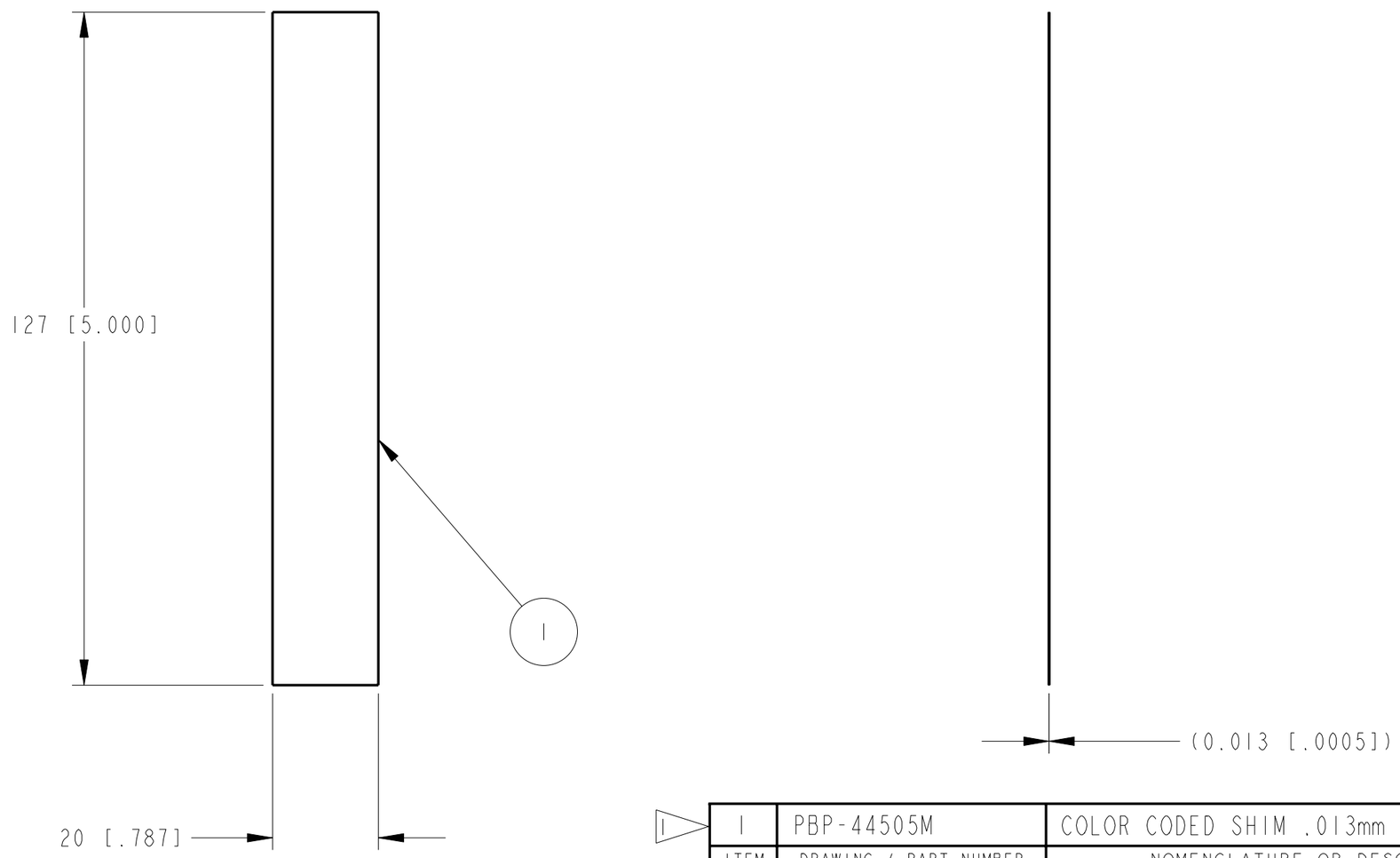
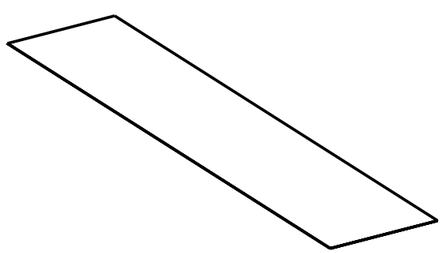
REVISIONS					
ZONE	REV	DESCRIPTION	BY	APPROVED	DATE



1 SOURCE OR EQUIVALENT
J AND L INDUSTRIAL SUPPLY
20921 LAHSER ROAD
SOUTHFIELD, MI 48034
800-521-9520



ITEM	DRAWING / PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
1	PBP-44505M	COLOR CODED SHIM .013mm	HIGH QUALITY PLASTIC	1

PARTS LIST / BILL OF MATERIALS

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN mm
INCHES ARE FOR REFERENCE ONLY
TOLERANCES

DECIMALS: X. ±.5 mm; .X ±.2 mm; .XX ±.08 mm
ANGULAR: ±.3°
SURFACE FINISH IN MICRONS 3.2

REMOVE ALL BURRS AND BREAK SHARP EDGES .76 MAX.
SURFACE TEXTURE IN ACCORDANCE WITH LATEST ASME B46.1-2002
DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH LATEST ASME Y14.5M-1994

DRAWN BY: D. CAPATINA	DATE: 01-Apr-06	
XFD GROUP LEADER: P. DEN HARTOG	DATE	
DESIGNED BY: D. CAPATINA	DATE: 01-Apr-06	
RESPONSIBLE ENGINEER: E. TRAKHTENBERG	DATE	
CAM: M. WHITE	DATE	
LCLS MANAGER: S. V. MILTON	DATE	
MODEL NAME: L143-110704	RELEASE LEVEL: RELEASED	MODEL VER: 2 / DRWG VER: 2
ELECTRONIC FILE NAME: A4015800	MATERIAL DESCRIPTION: HIGH QUALITY PLASTIC	
SLAC SPIRES TITLE: LCLS UND MAG PLASTIC SPACER		

THIS DRAWING IS THE PROPERTY OF
ARGONNE NATIONAL LABORATORY
ADVANCED PHOTON SOURCE

LINAC COHERENT LIGHT SOURCE
UNDULATOR SYSTEM

UNDULATOR UNIT ASSEMBLY
SPACER

SIZE:	ANL DRAWING NUMBER:	SLAC DRAWING NUMBER:	REV.
B	L143-110704	PF-381-001-06	00

FSCM No OHRH5 | SCALE: 1:1 | DO NOT SCALE DRAWING | SHEET 1 OF 1