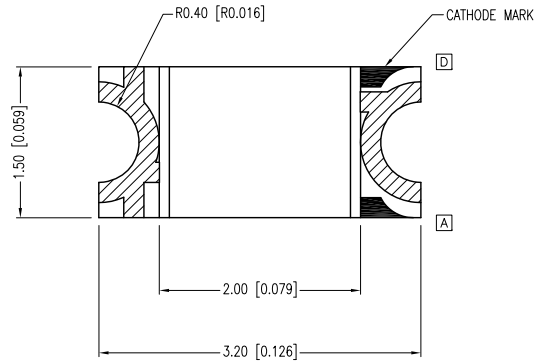
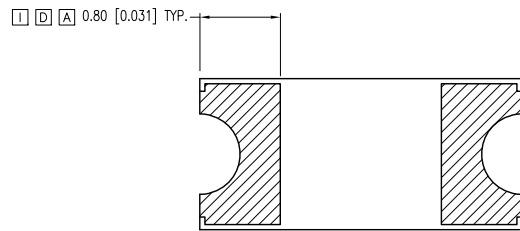
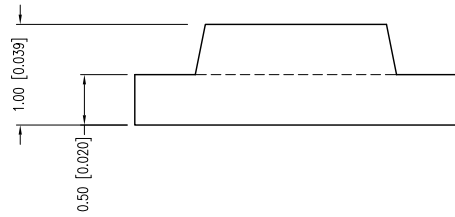
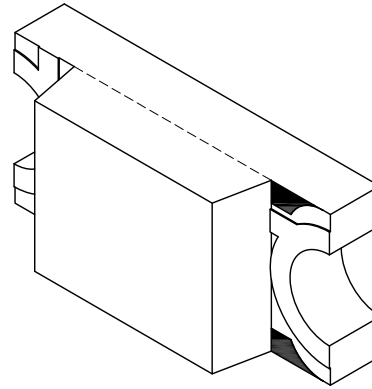
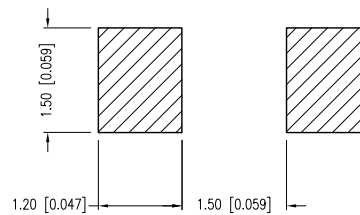


PART NUMBER	SML-LX1206USBC-TR	REV.	I
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.03.01	E.C.N. #10814.		A
03.14.03	E.C.N. #10967.		B
01.20.05	E.C.N. #11148.		C
01.07.08	E.C.N. #11466.		D
03.09.09	E.C.N. #11508.		E
07.30.10	E.C.N. #11644.		F
07.30.10	E.C.N. #11680.		G
04.20.11	E.C.N. #10BRDR & REDRAWN.		H
08.15.11	E.C.N. #11684.		I

ANODE  CATHODE

[I] [D] RECOMMENDED SOLDER PAD LAYOUT



[I] [G] ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		468		nm	
FORWARD VOLTAGE	2.70		3.70	Vf	
REVERSE VOLTAGE	5.0			Vr	If=100μA
AXIAL INTENSITY	28.50		72	mcd	If=20mA
VIEWING ANGLE		130		2x theta	
EMITTED COLOR:	BLUE				
LENS FINISH:	WATER CLEAR				

[G] LIMITS OF SAFE OPERATION AT 25°C

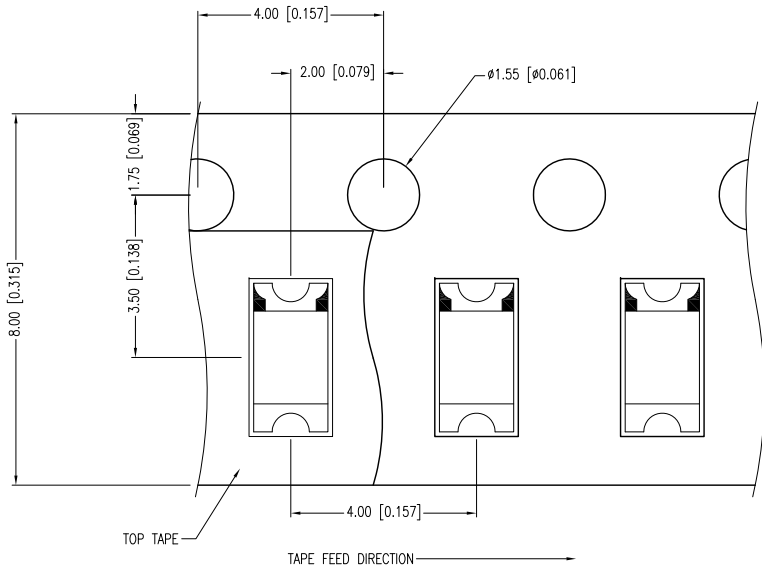
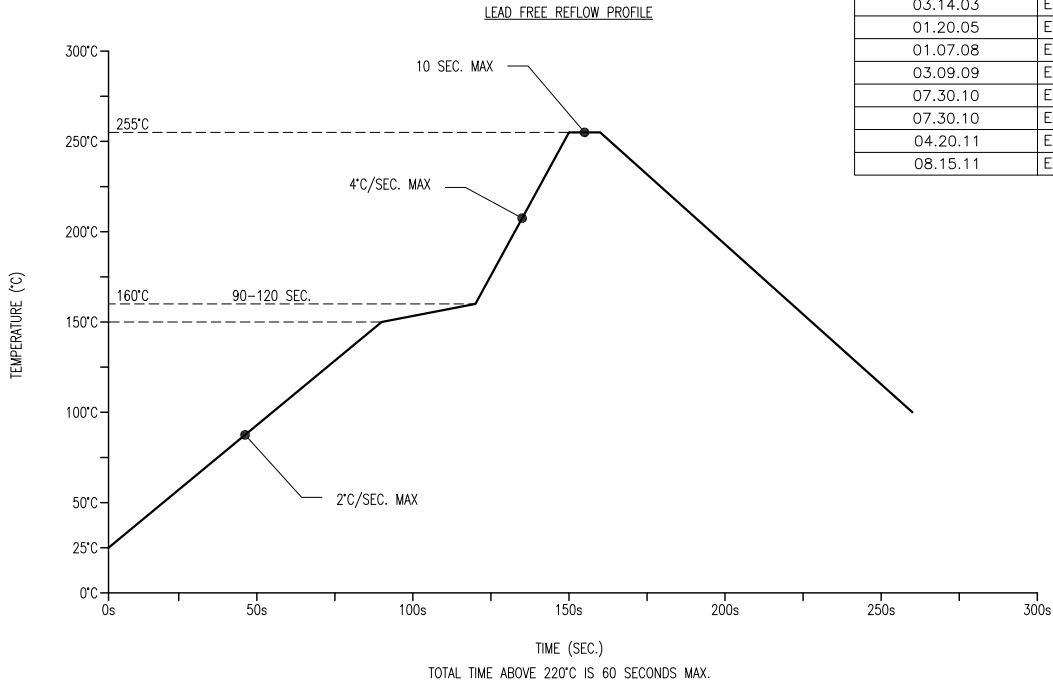
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	95	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +90	°C

* 1/10 DUTY AT 1kHz

[E] [B] CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDSCAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ^{+DECIMAL PRECISION}_{-0.00} MAX= ^{+0.00}_{-DECIMAL PRECISION}

UNCONTROLLED DOCUMENT

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08.15.11	E.C.N. #11684.		I



NOTES:

1. THE CATHODE MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.