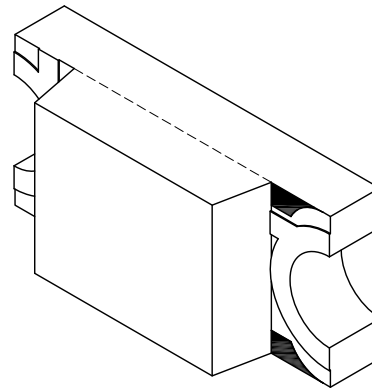
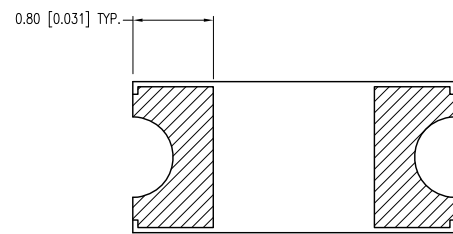
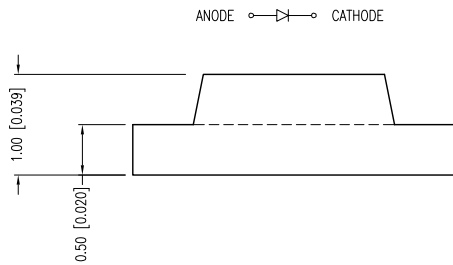
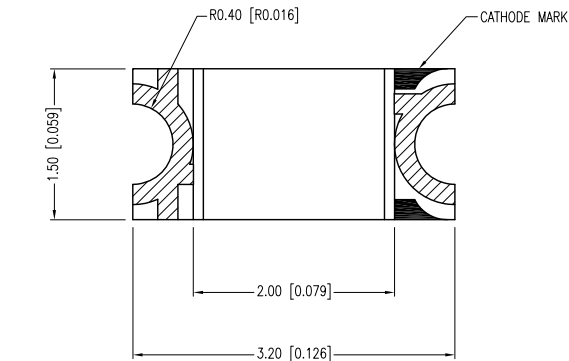
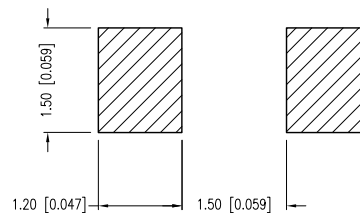




RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER	SML-LX1206SIC-TR	REV.	H
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.03.01	E.C.N. #10BRDR. & REDRAWN.		A
03.14.03	E.C.N. #10967.		BC
03.09.09	E.C.N. #11148.		D
01.07.08	E.C.N. #11644.		E
07.19.10	E.C.N. #11644.		F
04.20.11	E.C.N. #10BRDR. & REDRAWN.		G
08.07.12	E.C.N. #11829.		H

[H] ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=20\text{mA}$

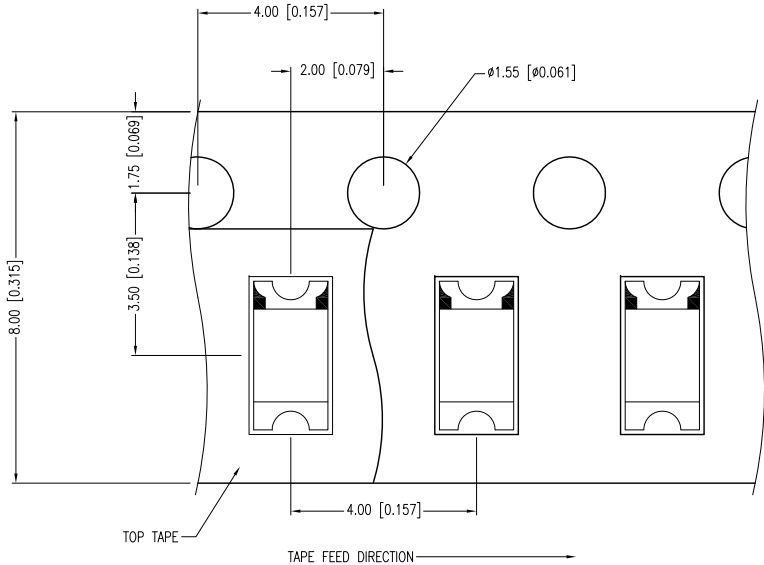
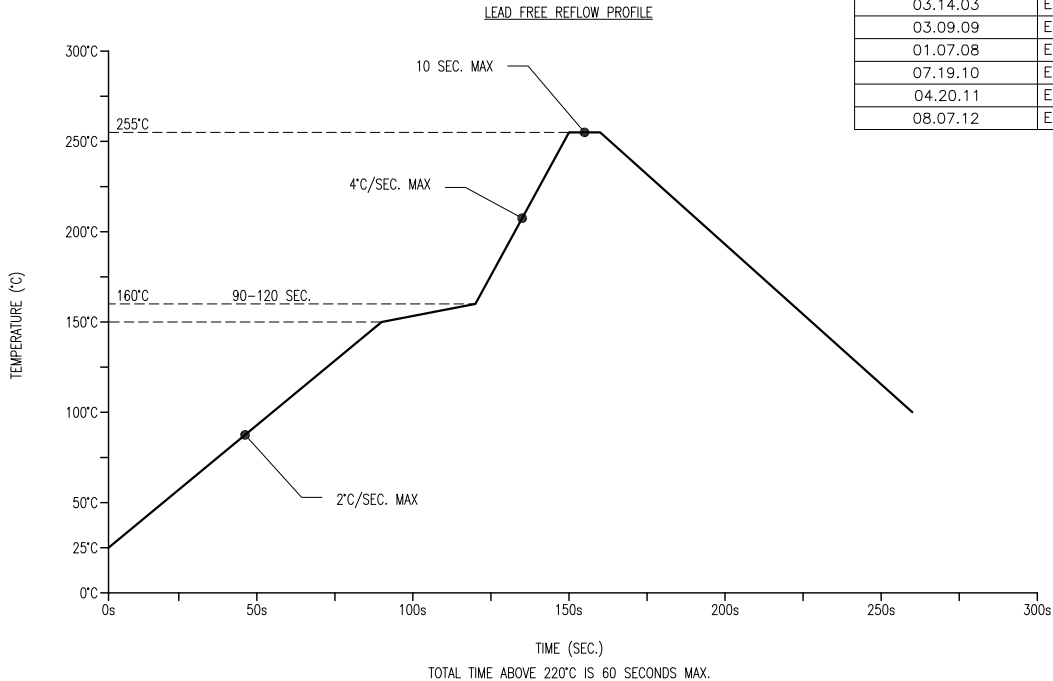
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		632		nm	
FORWARD VOLTAGE		2.0	2.4	Vf	
REVERSE VOLTAGE	5.0			Vr	$I_r=100\mu\text{A}$
AXIAL INTENSITY		54		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		130		2x theta	
EMITTED COLOR:	RED				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	60	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	60	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +90	$^\circ\text{C}$

* $t < 10\mu\text{s}$ CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS

PART NUMBER	SML-LX1206SIC-TR	REV.	H
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.03.01	E.C.N. #10BRDR. & REDRAWN.		A
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07.19.10	E.C.N. #11644.		F
04.20.11	E.C.N. #10BRDR. & REDRAWN.		G
08.07.12	E.C.N. #11829.		H



NOTES:

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