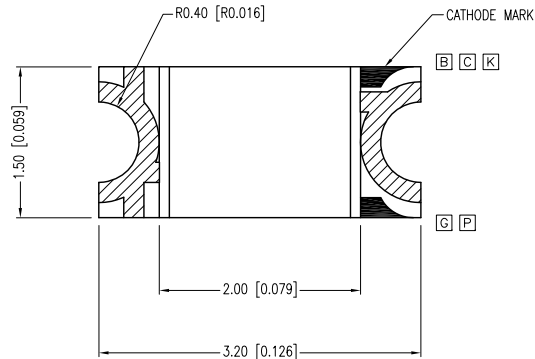
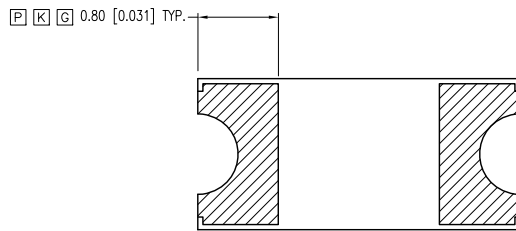
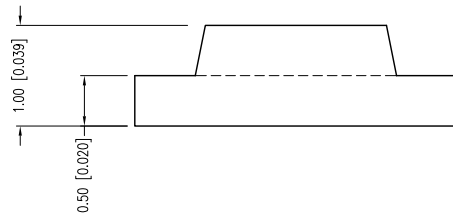
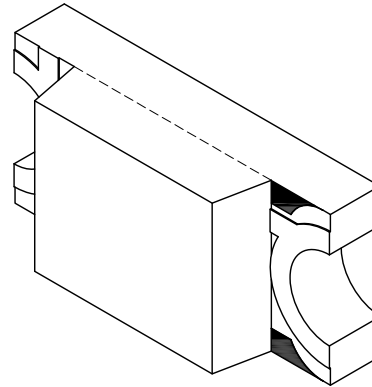


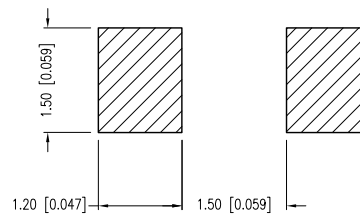
PART NUMBER	SML-LX1206SRC-TR	REV.	P
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
--	FOR PREVIOUS REVISIONS SEE PG. 2.		--
01.07.08	E.C.N. #11466.		K
05.16.08	E.C.N. #11509.		L
03.09.08	E.C.N. #11508.		M
07.19.10	E.C.N. #11644.		N
04.20.11	E.C.N. #10BRDR & REDRAWN.		O
08.08.12	E.C.N. #11829.		P



ANODE  CATHODE  [E] [L]



[P] [K] RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA		MIN	TYP	MAX	UNITS	TEST COND
PARAMETER						
PEAK WAVELENGTH			660		nm	
FORWARD VOLTAGE			1.7	2.2	Vf	
REVERSE VOLTAGE	5.0				Vr	If=100μA
AXIAL INTENSITY			25		mcd	If=20mA
VIEWING ANGLE			140		2x theta	
EMITTED COLOR:	RED					
LENS FINISH:	WATER CLEAR					

[N] LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	80	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

* t<10μs

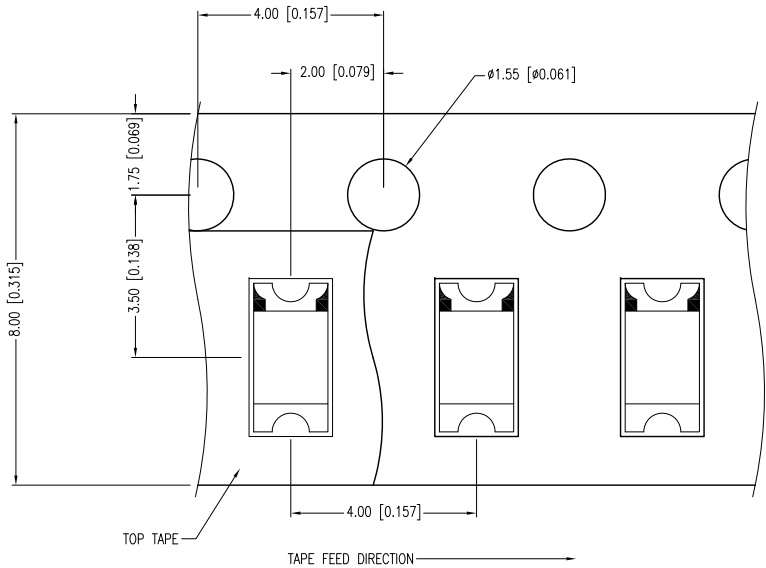
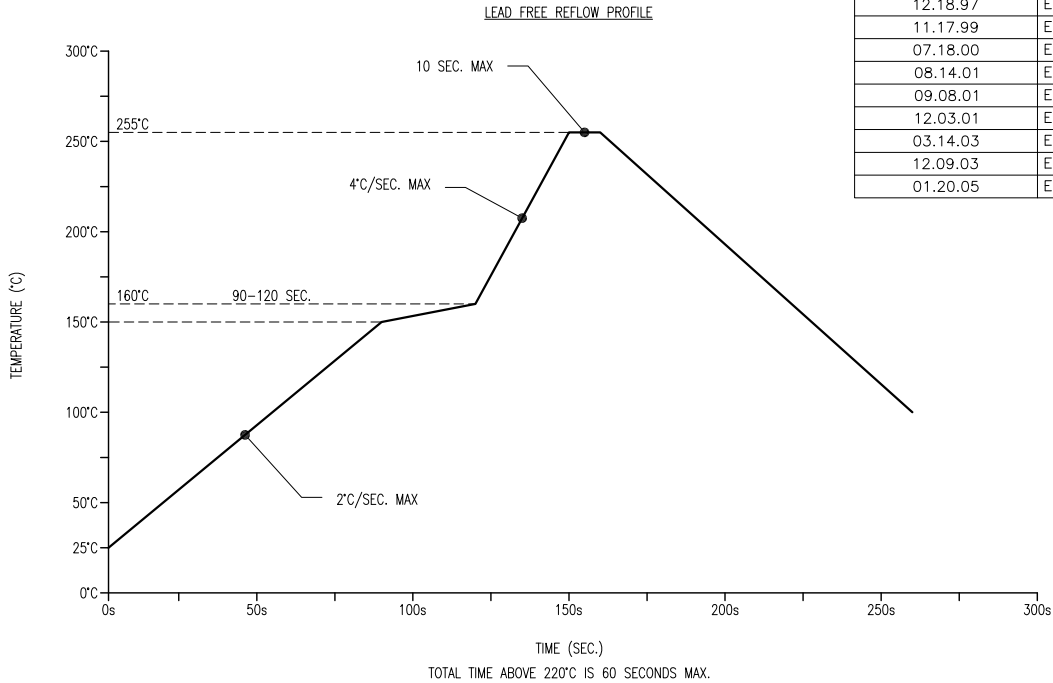
[M] [H] CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS

*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

	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM	QUASARBRITE 3.2mm x 1.6mm PCB SURFACE MOUNT LED, 660nm RED, WATER CLEAR, TAPE & REEL.		DATE: 04.20.11	DRAWN BY: AB
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.		PAGE: 1 OF 2	CHKD BY: KF
		CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.		SCALE: NTS	APRVD BY: KF
				UNIT: mm [INCH]	

PART NUMBER	SML-LX1206SRC-TR	REV.	P
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
11.01.95	ADDED TAPE DIRECTION AND POLARITY		A
12.18.97	E.C.N. #10BRDR. & #10404.		B
11.17.99	E.C.N. #10566, ADDED REFLOW PROILE.		C
07.18.00	E.C.N. #10644. & REDRAWN IN 3D.		D
08.14.01	E.C.N. #10775.		E
09.08.01	E.C.N. #10784.		F
12.03.01	E.C.N. #10814.		G
03.14.03	E.C.N. #10967.		H
12.09.03	E.C.N. #11065.		I
01.20.05	E.C.N. #11148.		J



NOTES:

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