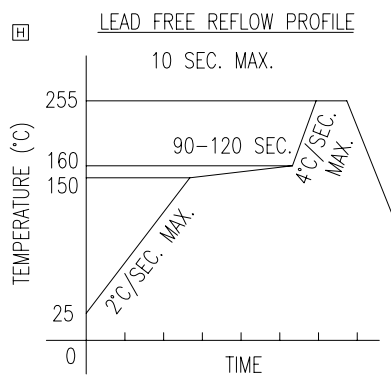
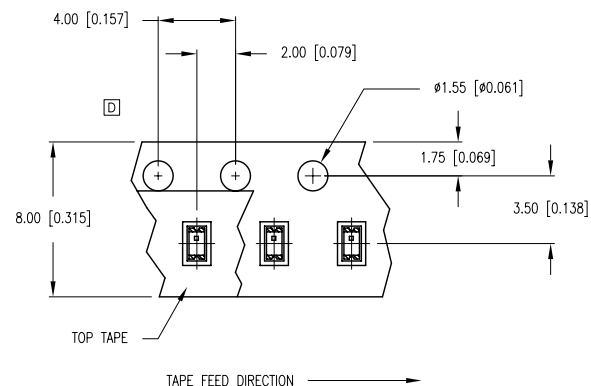
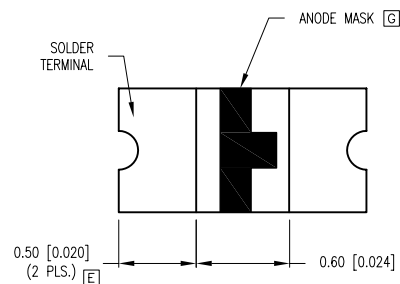
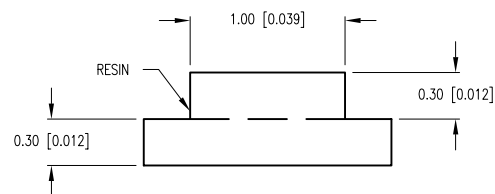
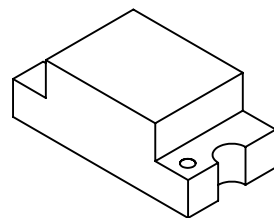
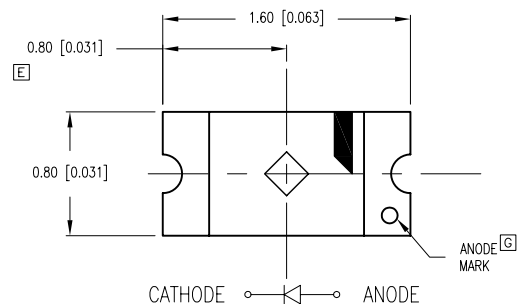
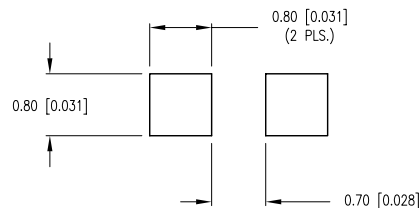




TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER	SML-LX0603SRW-TR	REV.	J
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
09.17.97	E.C.N. #10BRDR. & REDRAWN.		A
09.30.98	E.C.N. #10644.		B
04.30.99	E.C.N. #10933.		C
07.18.00	E.C.N. #10644.		D
12.03.02	E.C.N. #10933.		E
03.14.03	E.C.N. #10967.		F
11.20.03	E.C.N. #11061.		G
12.03.04	E.C.N. #11148.		H
05.27.08	E.C.N. #11508.		I
09.26.11	E.C.N. #10BRDR.		J

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	V_f	
REVERSE VOLTAGE	4.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		45		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		140		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	50	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-25 TO +85	°C
STORAGE TEMP.	-30 TO +85	°C

* $t < 10\mu\text{s}$

NOTES:

- THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

[I] [F]

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS

290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM	1.6mm x 0.8mm PCB CHIP, SURFACE MOUNT LED, 660nm SUPER RED LED, MILKY WHITE DIFFUSED LENS. ***THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.** 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.	DATE: 09.26.11	DRAWN BY: AB
		PAGE: 1 OF 1	CHKD BY: KF
		SCALE: NTS	APRVD BY: SS
		UNIT: mm [INCH]	Ⓟ