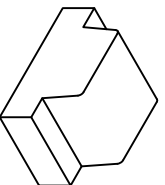




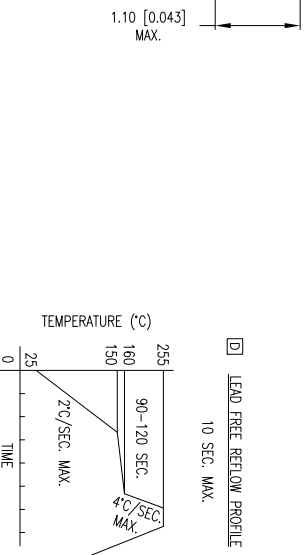
**THE DATASHEET OF
SML-LXF0805SUGC-TR**



PART NUMBER		SML-LXF0805SUGC-TR		REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS			REV.	
3.14.03	E.C.N. #10967.			A	
07.09.04	E.C.N. #11148.			B	
09.03.04	E.C.N. #11165.			C	
2.14.05	E.C.N. #11148.			D	



D LEAD FREE REFLOW PROFILE
10 SEC. MAX.



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

ELECTRO-OPTICAL CHARACTERISTICS $I_A=25\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE		2.2	2.6	V _f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE		5.0		V _r	$I_f=20\text{mA}$
AXIAL INTENSITY		70		med	
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	WATER CLEAR LENS				

LIMITS OF SAFE OPERATION AT 25°C

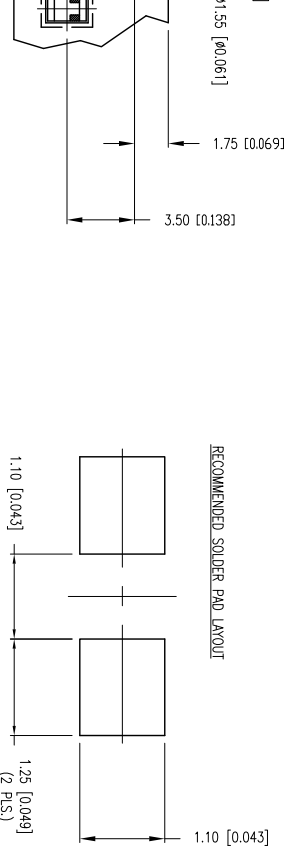
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

* I<10LS

NOTES:

1. THE POLARITY MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
2. LEAD FREE.

A CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 4 STANDARDS



HELEN ROAD
NE, IL 60067-6976
: +1,847,359,2790
1,847,359,6538
WWW.LUMEX.COM

2.0mm x 1.25mm SURFACE MOUNT LED, 574nm SUPER ULTRA GREEN LED, WATER CLEAR LENS, TAPE AND REEL.

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DATE:	01.12.01	DRAWN BY:	BC
PAGE:	1 OF 1	CHKD BY:	-
SCALE:	N/A	APRVD BY:	-
UNIT:	mm [INCH]		

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