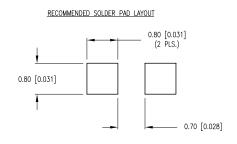


TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



PART NUMBER	SML-LX0603SYW-TR REV.	G
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.
09.30.98	E.C.N. #10BRDR. & REDRAWN.	Α
07.18.00	E.C.N. #10644.	В
12.03.02	E.C.N. #10933.	С
03.14.03	E.C.N. #10967.	D
12.06.04	E.C.N. #11148.	E
05.27.08	E.C.N. #11508.	F
10.17.11	E.C.N. #10BRDR.	G

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If= 20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			V_r	Ir=100μA
AXIAL INTENSITY		60		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		140		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	MILKY WI	HITE DIFFUS	ED		

LIMITS	OF	SAFE	OPERATION	ΑT	25°C		
DADAMETED							

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	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<10µS

NOTES:

THE CATHODE IS ORIENTED
 TOWARDS THE TAPE SPROCKET HOLE.

E

CAUTION: MOISTURE SENSITIVE DEVICE

PER JEDEC LEVEL 2 STANDARDS



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WEB: WWW.LUMEX.COM

1.6mm x 0.8mm PCB CHIP, SURFACE MOUNT LED, 590nm SUPER YELLOW, MILKY WHITE DIFFUSED LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

CONFIDENTIAL INFORMATION

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DATE: 10.17.11 DRAWN BY: AB

PAGE: 1 OF 1 CHKD BY: JD

SCALE: NTS APRVD BY: SS

UNIT: mm [INCH]

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