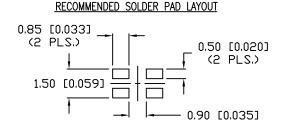


TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

4.00 [0.157] 2.00 [0.079] 91.55 [Ø0.061] 8.00 [0.315] 3.50 [0.138] TOP TAPE TAPE FEED DIRECTION



PART NUMBER SML-LX0606GYC-TR

SML-LX0606GYC-TR B

E.C.N. NUMBER AND REVISION COMMENTS DATE

E.C.N. #11581. 12.21.09

ELECTRO-OPTICAL CHA	ARACTERISTICS	TA=25°C	$I_{f} = 20$)mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN	l)	nm	
	Ę	585 (YELLOV	V)	nm	
FORWARD VOLTAGE (G,	/Y)	2.2/2.1	2.6/2.5	V_{f}	
REVERSE VOLTAGE	5.0			V_r	Ir=100µA
AXIAL INTENSITY		10		mcd	If = 20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	GREEN/YELL	OW			
EPOXY LENS FINISH:	WATER CLEA	R			

LIMITS OF SAFE OPERATION	AT 25°C		
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		160	mA
STEADY CURRENT	(G/Y)	25/30	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

* t<10µS

NOTES:

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

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS



REV.

*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 ARE: X=±0.05 (±0.010), X.XX=±0.05 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION ARE: X=±0.05 (±0.010), X.XX=±0.05 (±0.010), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION ARE: X=±0.05 (±0.030), X.X=±0.05 (±0.010), X.XX=±0.05 (±0.010), X.XX

B SML-LX0606GYC-TR

1.6mm x 1.5mm ULTRA THIN SURFACE MOUNT LED, 565nm GREEN/585nm YELLOW BICOLOR LED, WATER CLEAR LENS, TAPE AND REEL.

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CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR
IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT
SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE.
PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152

DRAWN BY: CHECKED

WEB: WWW.ITWECS.COM

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DATE: 09.02.09 PAGE: 1 OF 1 SCALE: N/A