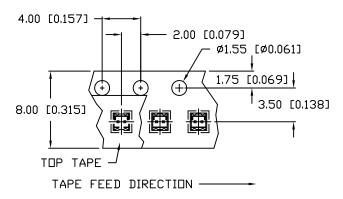
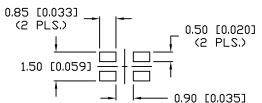


TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

RECOMMENDED SOLDER PAD LAYOUT





PART NUMBER REV. SML—LX0606SGSBC—MR D REV. E.C.N. NUMBER AND REVISION COMMENTS DATE A E.C.N. #11148 6.05.07 B E.C.N. #11508. 03.05.09 C E.C.N. #11581. 12.21.09 D E.C.N. #11964. 7.2.15

ELECTRO-OPTICAL CHA	ARACTERISTIC:	S TA=25°C	25°C I _f = 20m		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		430 (BLUE)		nm	
		565 (GREEN)			
FORWARD VOLTAGE (B,	/G)	3.8/2.2	4.5/2.6	V_{f}	
REVERSE VOLTAGE	5.0			V_r	I _r =100µA
AXIAL INTENSITY		10		mcd	lf = 20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	BLUE/GREE	N			
EPOXY LENS FINISH:	WATER CLEA	NR			

LIMITS OF SAFE OPERATION	Al 25°C		
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		160	mA
STEADY CURRENT		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
SOLDERING TEMP.		+ 260	. C
2.0mm FROM BODY			3 SEC. MAX

* t<10µS

NOTES:

LIMITO OF CAFE ODERATION AT OFICE

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

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS

D

Pb

*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 MAX.= +0.00 -DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION

PART NUMBER

D SML-LX0606SGSBC-MR

1.6mm x 1.5mm ULTRA THIN SURFACE MOUNT LED, BICOLOR LED, WATER CLEAR LENS, TAPE AND REEL.

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RELABILITY 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.



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