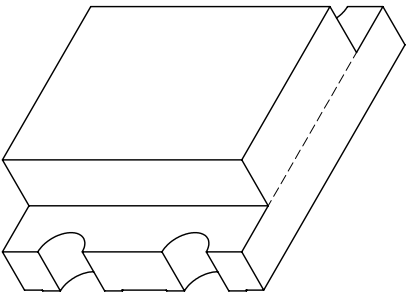




**THE DATASHEET OF  
SML-LX1210IGC-TR**



PART NUMBER	SML-LX1210GC-TR	REV.	1
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
11.06.95	ADDED TAPE W/POLARITY AND DIRECTION.	A	
03.17.97	E.C.N. #10324.	B	
05.22.98	E.C.N. #10404, & #10BRDR & REDRAWN.	C	
01.04.01	E.C.N. #10695	D	
01.25.02	E.C.N. #10834.	E	
03.25.03	E.C.N. #10972.	F	
02.07.05	E.C.N. #11148.	G	
03.10.09	E.C.N. #11508.	H	
07.22.11	E.C.N. #11740/#10BRDR & REDRAWN.	I	



CATHODE MARK THIS SIDE

PARAMETER	MIN	TP	MAX	UNITS	UNITS
PEAK WAVELENGTH (R/G)	639/565			nm	
FORWARD VOLTAGE (R/G)	2.0/2.2		2.6	Vf	I <sub>f</sub> =1000μA
REVERSE VOLTAGE	5.0			Vr	I <sub>r</sub> =20mA
AXIAL INTENSITY		10		mcd	
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:		RED/GREEN			
EPOXY LENS FINISH:		WATER CLEAR			

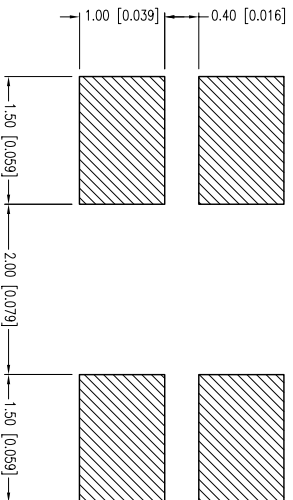
LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (R/G)	30/25	mA
POWER DISSIPATION	65	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-25 TO +85	°C
STORAGE TEMP.	-30 TO +85	°C

\* I<10μs

**CAUTION: MOISTURE SENSITIVE DEVICE**  
PER JEDEC LEVEL 2 STANDARDS

RECOMMENDED SOLDER PAD LAYOUT



X±1 (+0.039), X-X±0.5 (+0.020), XX±0.25 (+0.010), XXX±0.127 (+0.005), LEAD SIZE±0.05 (+0.002), LEAD LENGTH±0.75 (+0.030), MIN±0.001 DECMAL PRECISION MAX±0.001 DECMAL PRECISION

HELEN ROAD  
E. I. L 60067-6976  
+1.847.359.2790  
WWW.LUXEY.COM

2.7x 3.2mm P.C.B. SURFACE MOUNT LED, DUAL RED/GREEN CHIPS, WATER CLEAR LENS, TAPE & REEL.

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

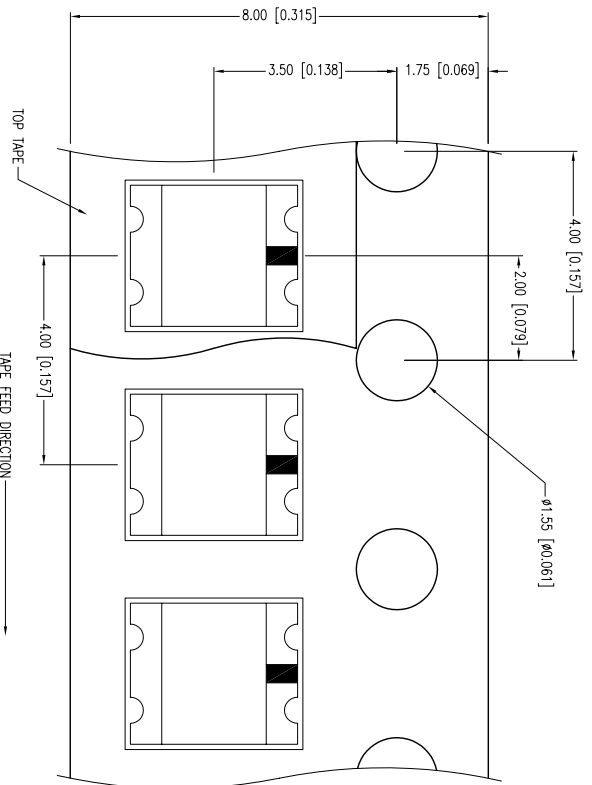
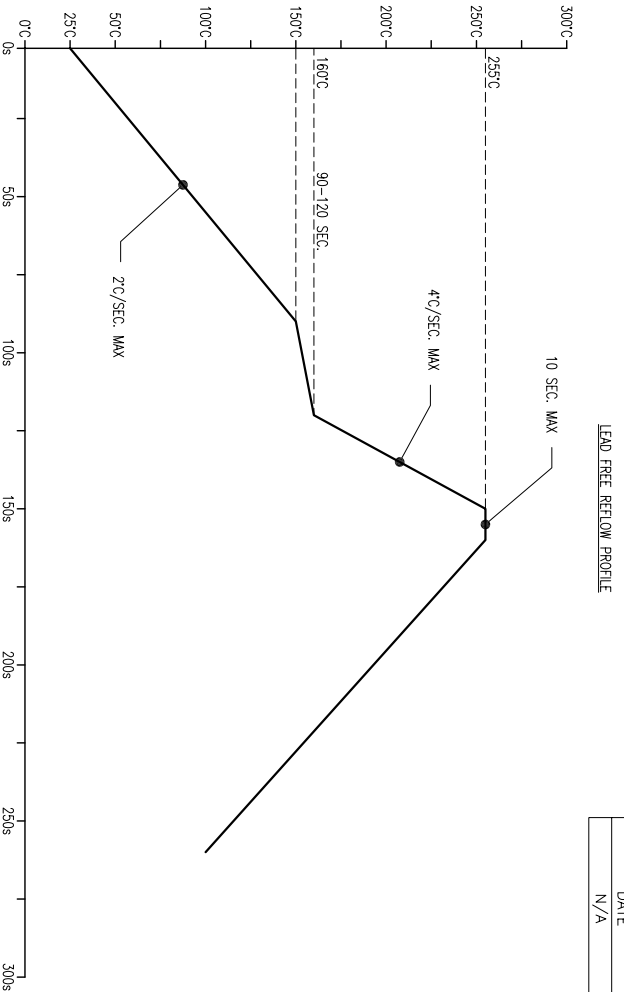
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DATE:	07.22.11	DRAWN BY:	AB
PAGE:	1 OF 2	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		



PART NUMBER	SML-LX1210GC-TR		REV.	1
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.	N/A
N/A	FOR REVISION HISTORY PLEASE SEE PAGE 1		REV.	N/A



- NOTES:
1. THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
  2. LOCATION FOR CATHODE MARK CAN BE EITHER ON THE TOP OR BOTTOM OF THE PART.

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- ⊖ [View SML-LX1210IGC-TR on WIN SOURCE](#)
- ⊖ [Lumex Opto/Components Inc. Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management