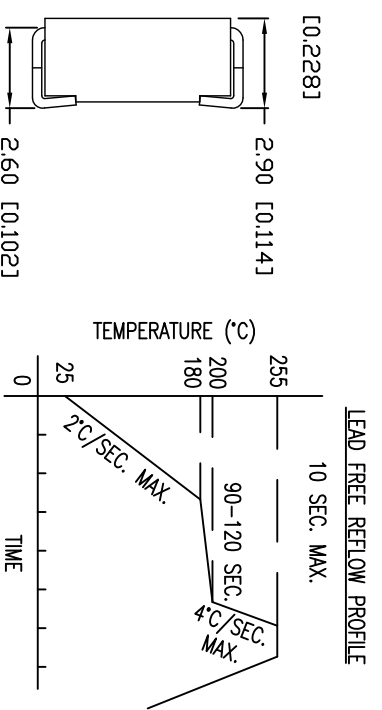




PART NUMBER	SML-LX1L2324USBC-TR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	A
10.03.13	E.C.N. #10BRDR. & REDRAWN.	REV.	A
10.03.13	E.C.N. #11880.	REV.	B



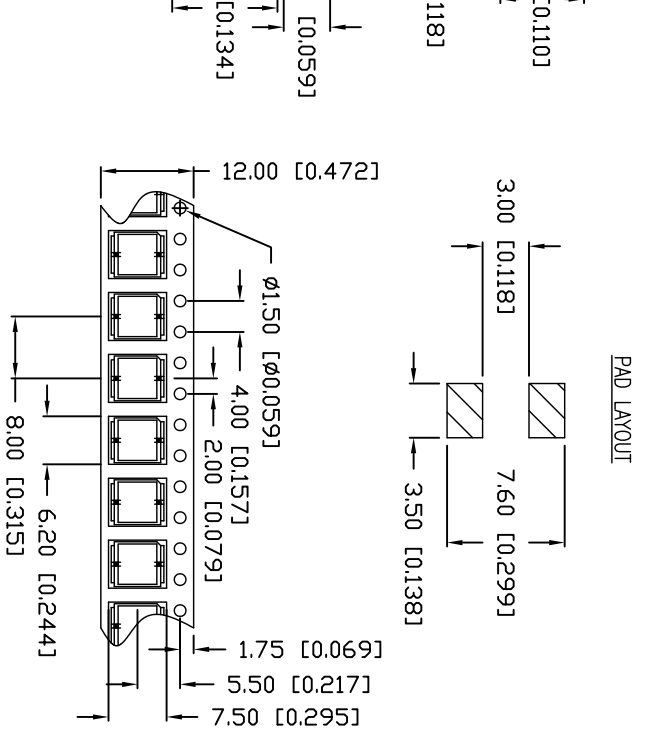
TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$   $I_f=20\text{mA}$

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
DOMINANT WAVELENGTH			470		nm	
FORWARD VOLTAGE	$V_f$		3.0	3.5	V	$I_f=20\text{mA}$
REVERSE VOLTAGE	$V_r$			5	V	$I_r=10\mu\text{A}$
AXIAL INTENSITY	$I_v$			30000	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	$1/2$ theta			8	deg	
EMITTED COLOR:			BLUE			
EPOXY LENS FINISH:			WATER CLEAR			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
STEADY CURRENT	$I_f$	30	mA
POWER DISSIPATION	$P_d$	120	mW
OPERATING TEMP.	$T_{OPR}$	-30 TO +85	°C
STORAGE TEMP.	$T_{STG}$	-30 TO +90	°C



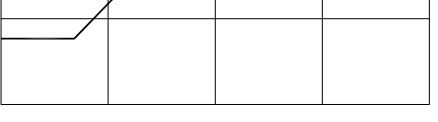
NOTES:

CATHODE IS ORIENTED TOWARDS THE TAPE SPOCKET HOLE.

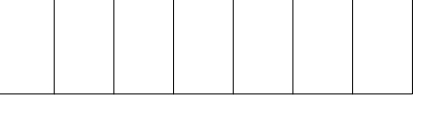
CAUTION: MOISTURE SENSITIVE DEVICE  
PER JEDEC LEVEL 4 STANDARDS

PART NUMBER	SML-LX1L2324USBC-TR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	A
10.03.13	E.C.N. #10BRDR. & REDRAWN.	REV.	A
10.03.13	E.C.N. #11880.	REV.	B

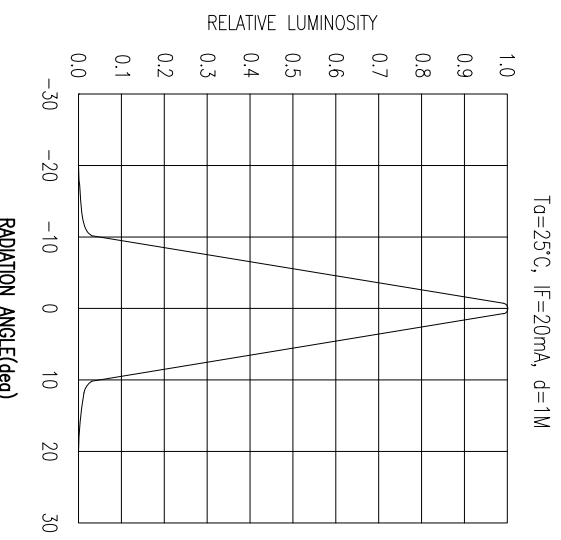
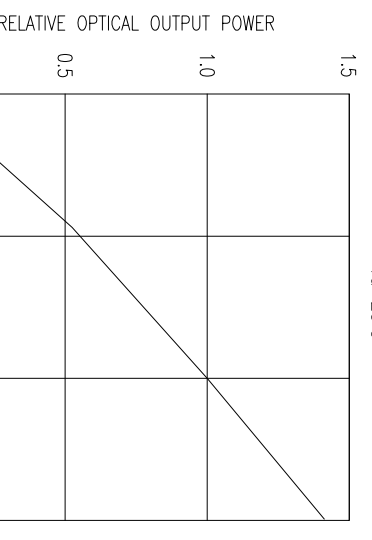
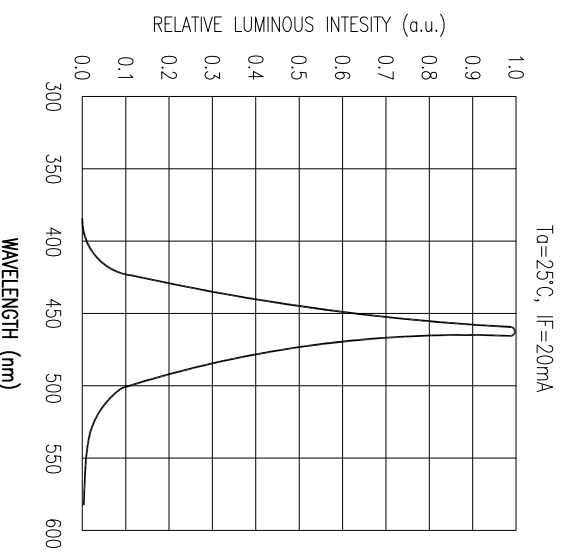
Ⓜ



c)



3.5



X=±11 (+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.=<sup>+0.00</sup><sub>-0.00</sub> DECIMAL PRECISION MAX.=<sup>+0.00</sup><sub>-0.00</sub> DECIMAL PRECISION

NARROW BEAM 6mm SMT LED, 470nm BLUE LED, WATER CLEAR LENS.

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

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UNIT:	mm [INCH]		

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- ⊖ [Lumex Opto/Components Inc. Information](#)

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- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management