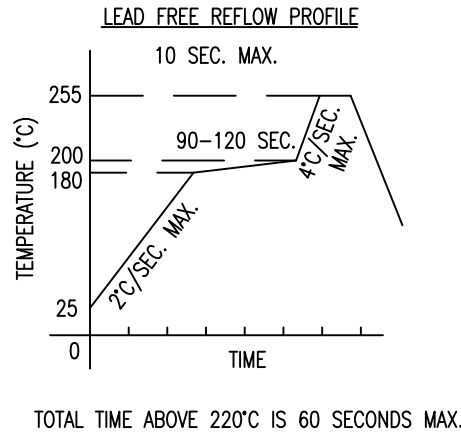
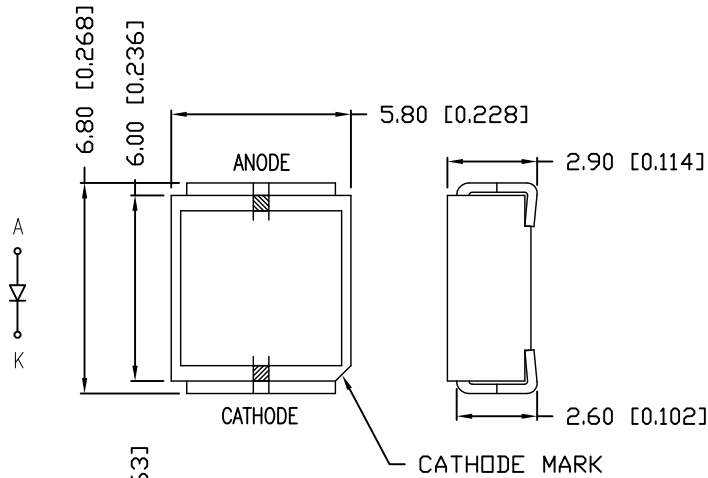
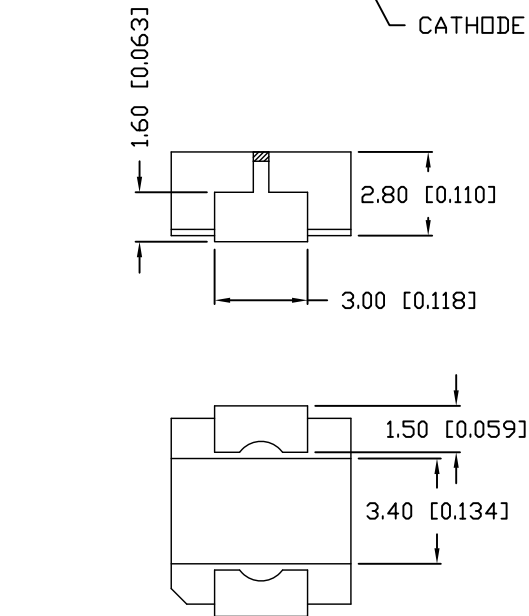


PART NUMBER	SML-LXIL2324USBC-TR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.03.13	E.C.N. #10BRDR. & REDRAWN.		A
10.03.13	E.C.N. #11880.		B

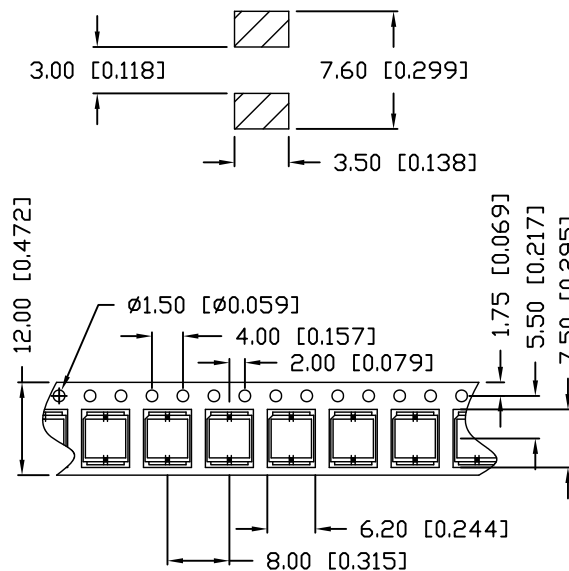


ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$   $I_f=20\text{mA}$

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					



**PAD LAYOUT**



**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:**

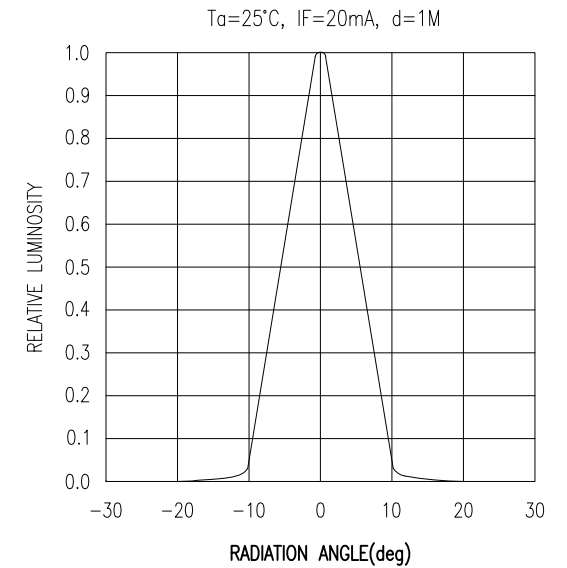
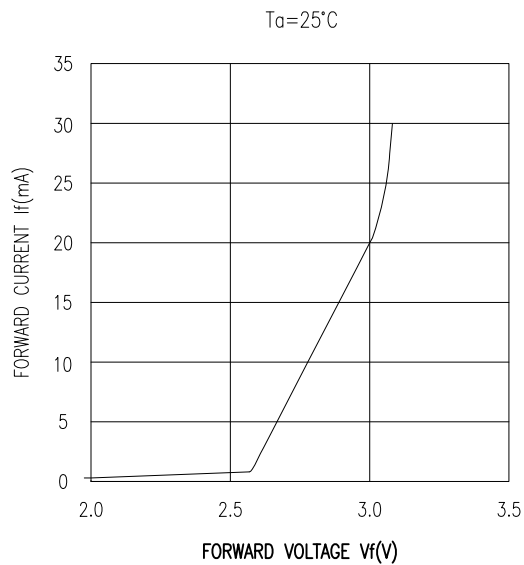
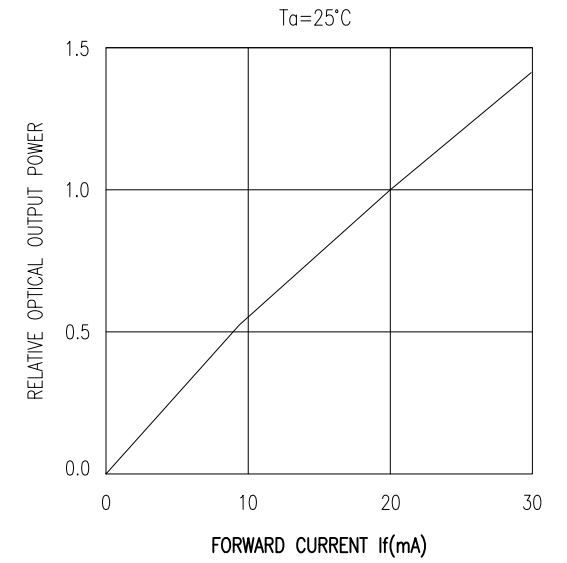
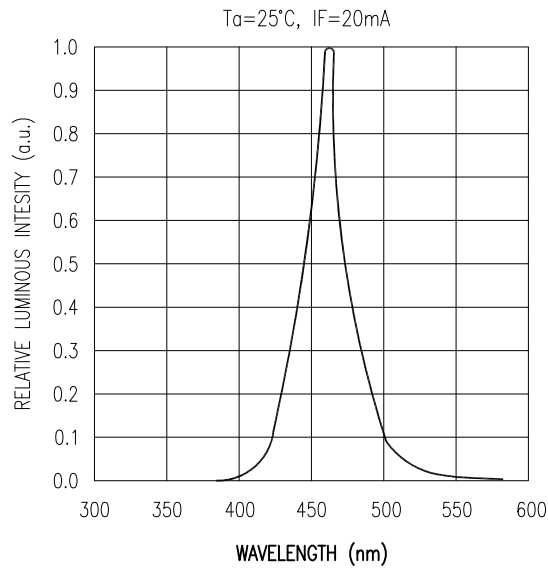
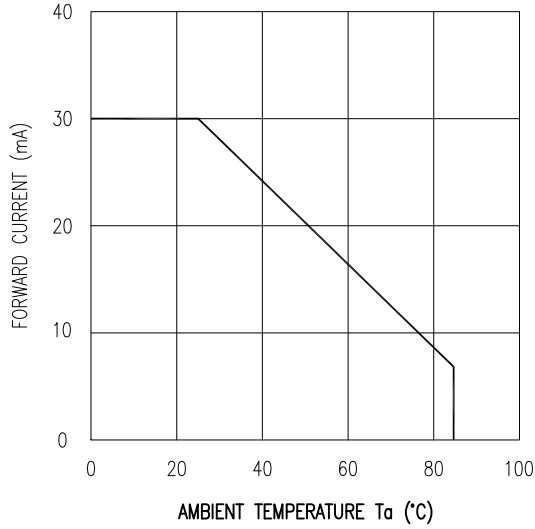
CATHODE IS ORIENTED TOWARDS THE TAPE SPOCKET HOLE.

**CAUTION: MOISTURE SENSITIVE DEVICE**  
PER JEDEC LEVEL 4 STANDARDS

\*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=<sup>+DECIMAL PRECISION</sup>-0.00, MAX.=<sup>+0.00</sup>-DECIMAL PRECISION

PART NUMBER	SML-LXIL2324USBC-TR	REV.	B
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A



\*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.=<sup>+DECIMAL PRECISION</sup><sub>-0.00</sub> MAX.=<sup>+0.00</sup><sub>-DECIMAL PRECISION</sub> UNCONTROLLED DOCUMENT



425 N. GARY AVE.  
CAROL STREAM, IL 60188-4900  
PHONE: +1.800.278.5666  
FAX: +1.630.315.2152  
WEB: WWW.LUMEX.COM  
MEMBER OF ITW PHOTONICS GROUP

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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DATE: 10.03.13	DRAWN BY: MA
PAGE: 2 OF 2	CHKD BY: AA
SCALE: NTS	APRVD BY: AA
UNIT: mm [INCH]	Ⓟ