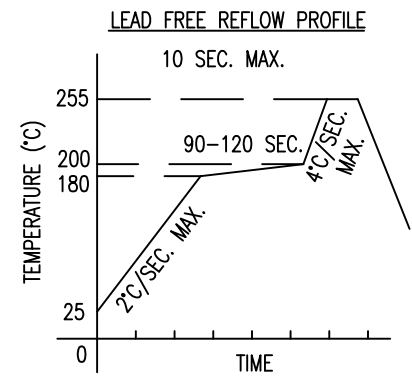
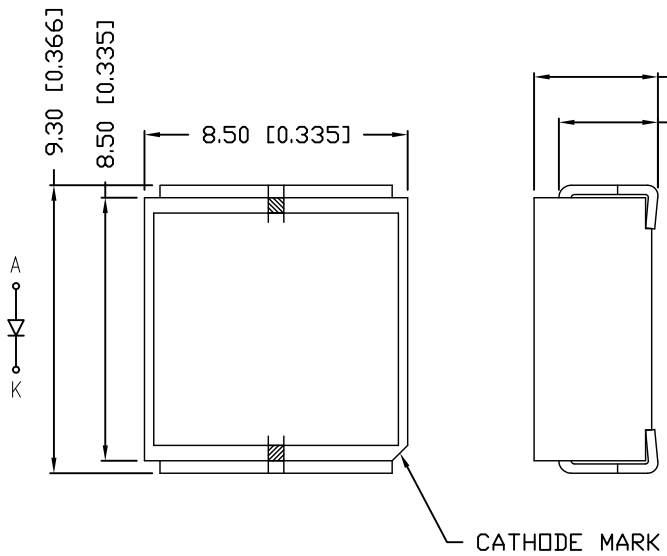
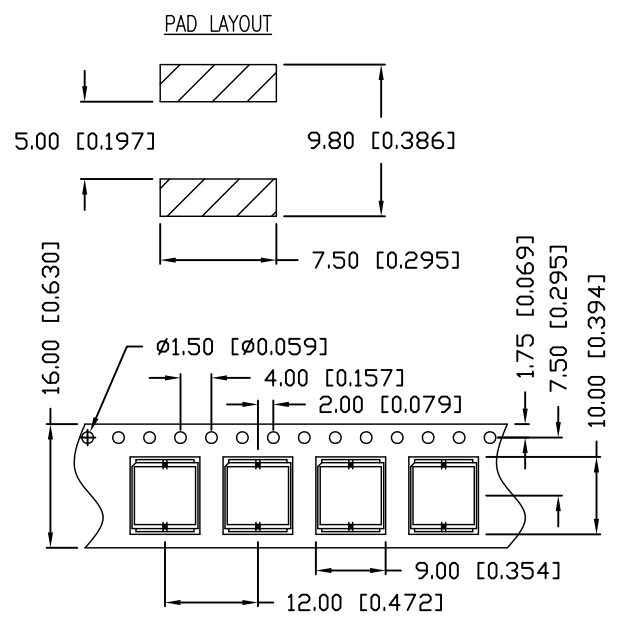
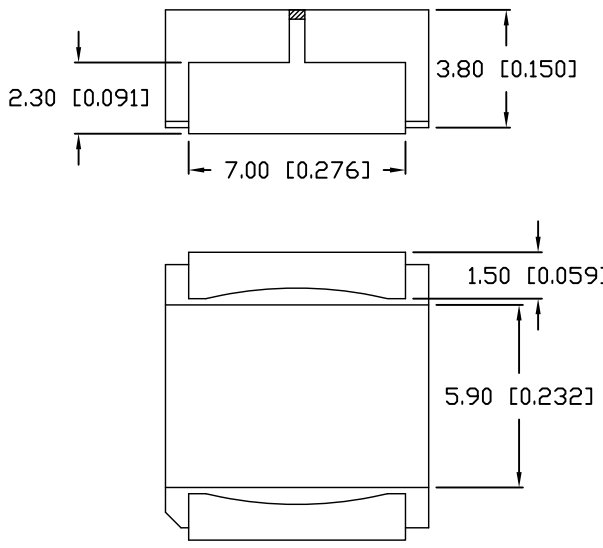


PART NUMBER	SML-LXIL3333USBC-TR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.03.13	E.C.N. #10BRDR. & REDRAWN.		A
10.03.13	E.C.N. #11880.		B



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	$I_f=20\text{mA}$
DOMINANT 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	$I_v$		50000		mcd	$I_f=20\text{mA}$
VIEWING ANGLE	$1/2$ theta		6		deg	$I_f=20\text{mA}$
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

\*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

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MEMBER OF ITW PHOTONICS GROUP

NARROW BEAM 8mm STM LED, 470nm BLUE LED, WATER CLEAR LENS.

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

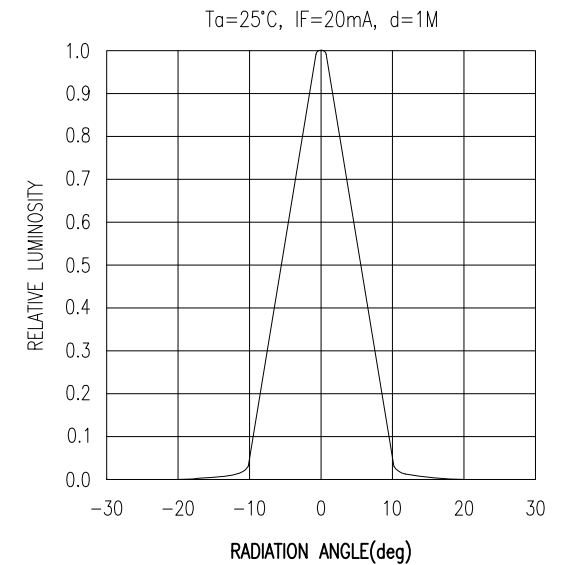
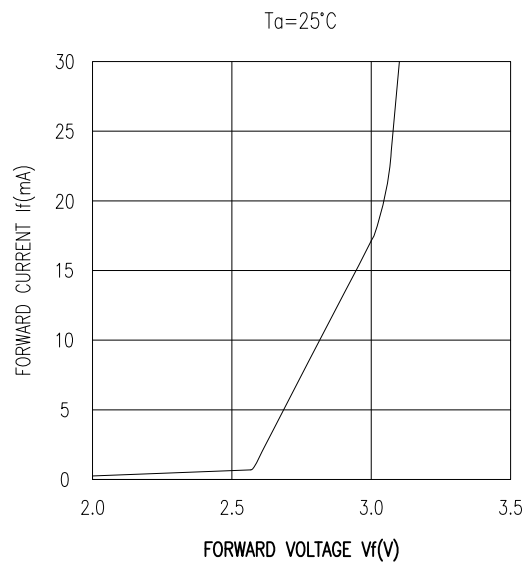
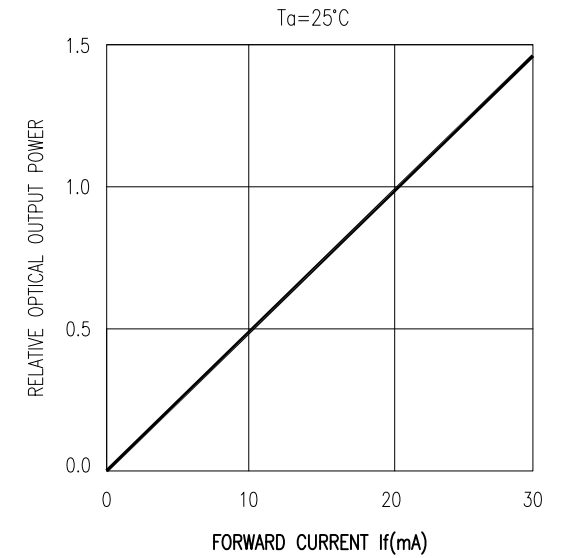
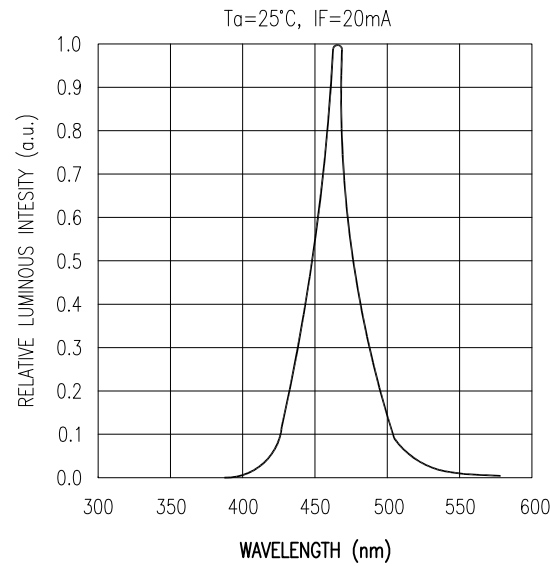
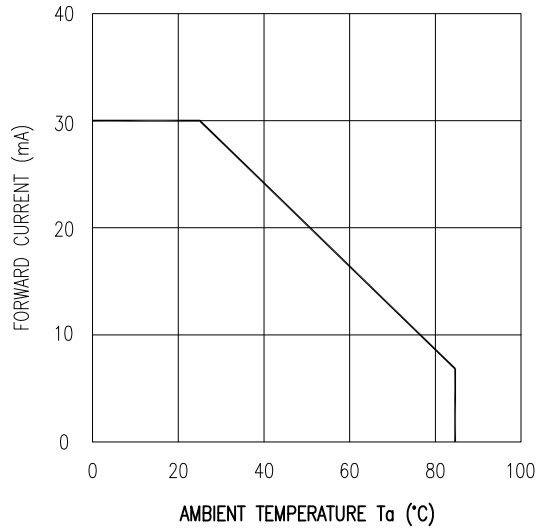
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DATE:	10.03.13	DRAWN BY:	MA
PAGE:	1 OF 2	CHKD BY:	AA
SCALE:	NTS	APRVD BY:	AA
UNIT:	mm [INCH]		(Pb)

PART NUMBER	SML-LXIL3333USBC-TR	REV.	B
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