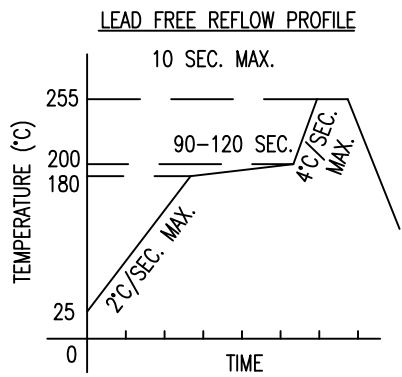
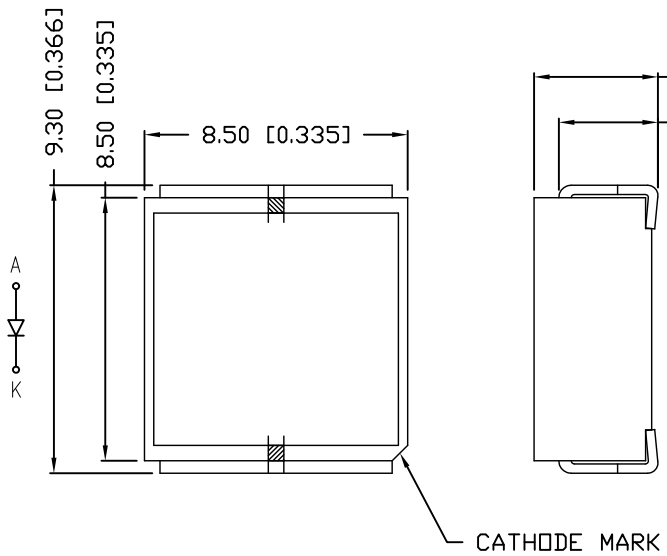
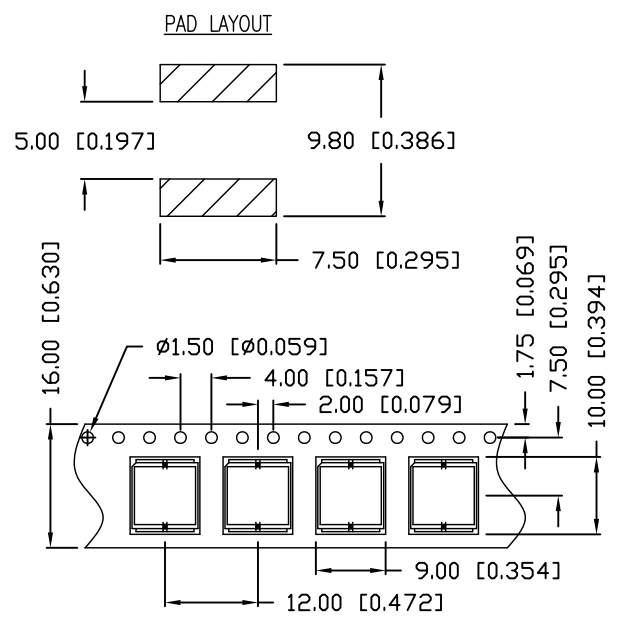
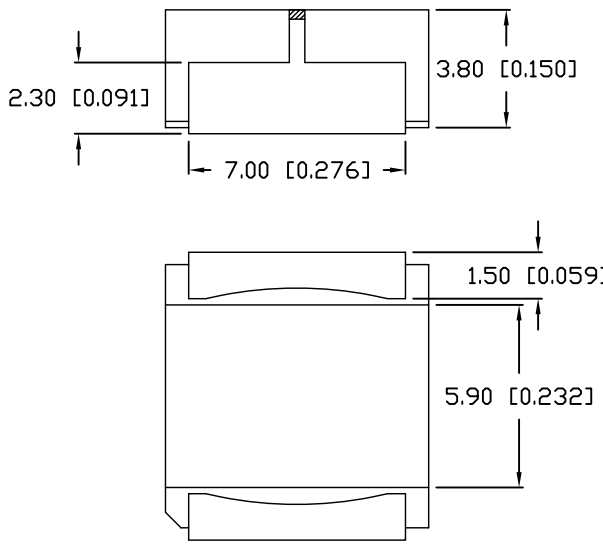


PART NUMBER	SML-LXIL3333USBC-TR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.03.13	E.C.N. #10BRDR. & REDRAWN.		A
10.03.13	E.C.N. #11880.		B



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.=^{+DECIMAL PRECISION}-0.00 MAX.=^{+0.00}-DECIMAL PRECISION UNCONTROLLED DOCUMENT

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MEMBER OF ITW PHOTONICS GROUP

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

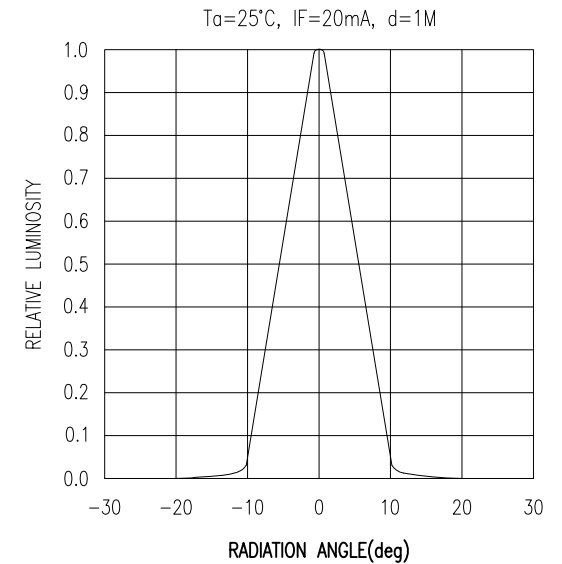
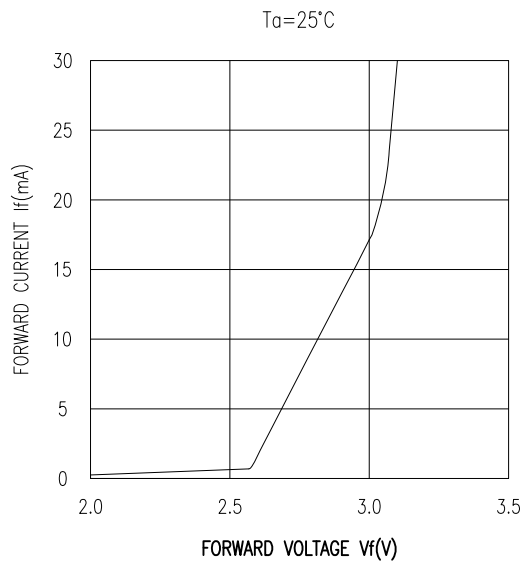
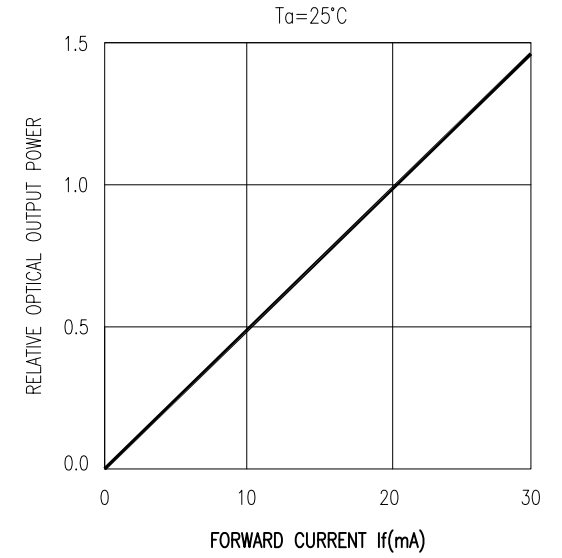
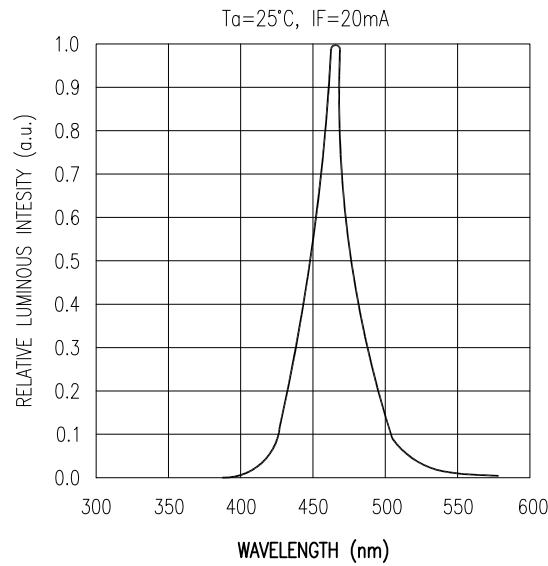
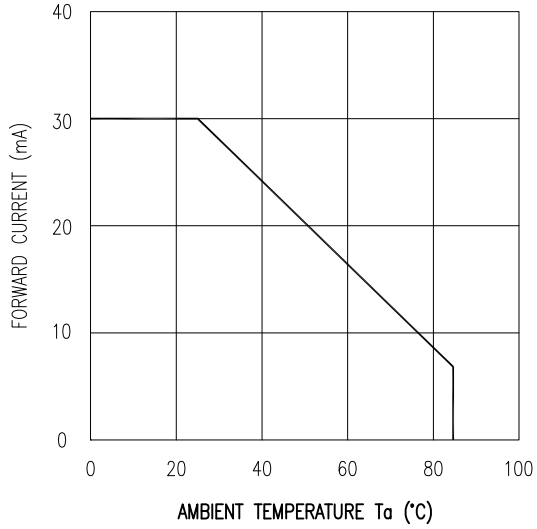
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DATE:	10.03.13	DRAWN BY:	MA
PAGE:	1 OF 2	CHKD BY:	AA
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