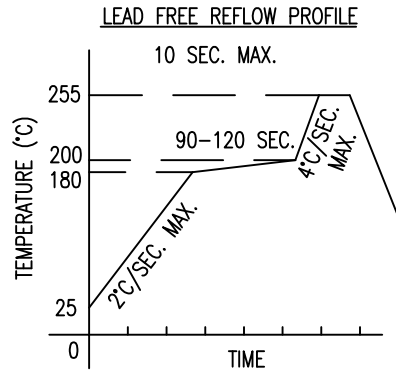
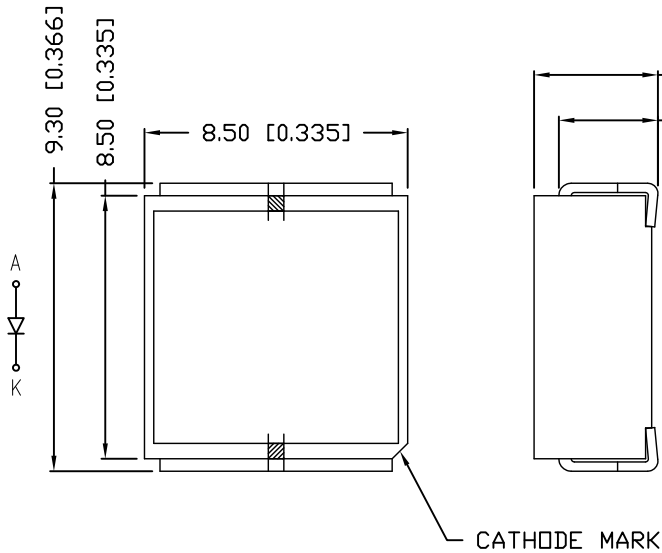
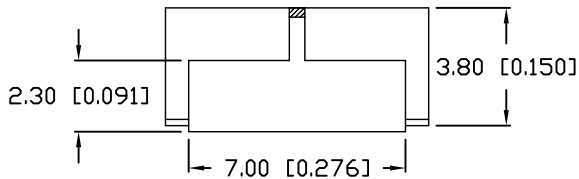


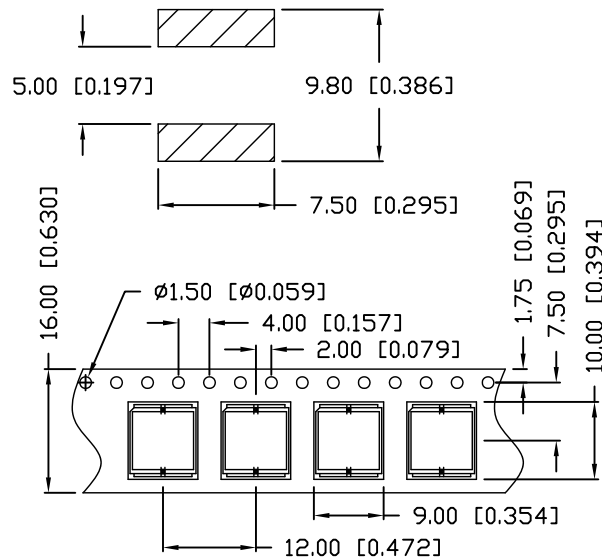
PART NUMBER	SML-LXIL3333USBC-TR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.03.13	E.C.N. #10BRDR. & REDRAWN.		A
10.03.13	E.C.N. #11880.		B



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



PAD LAYOUT



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:

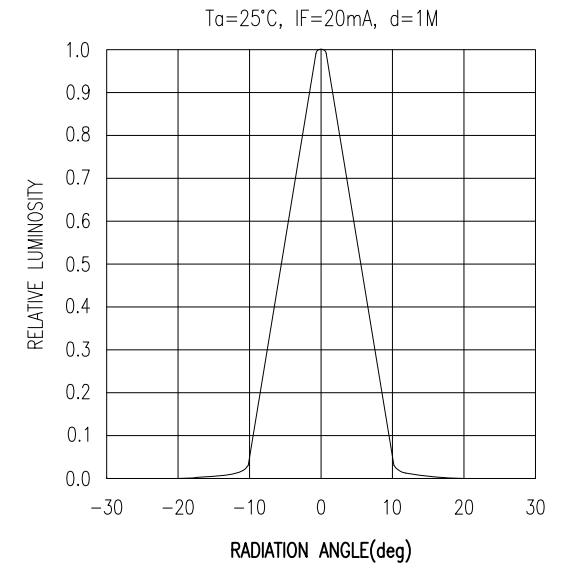
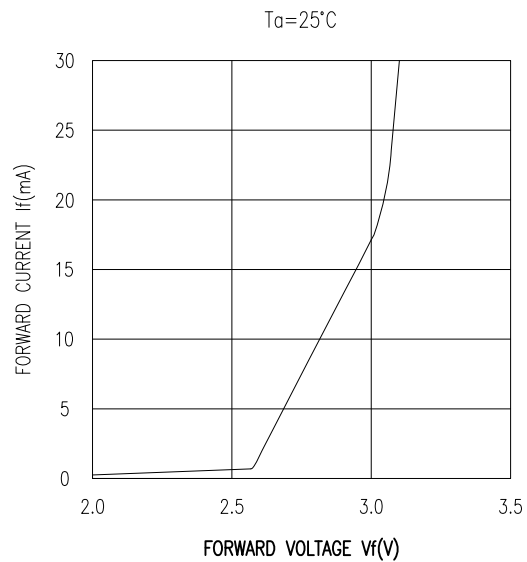
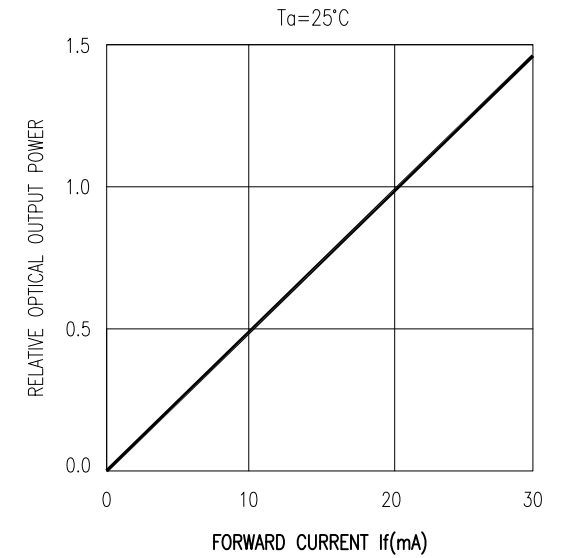
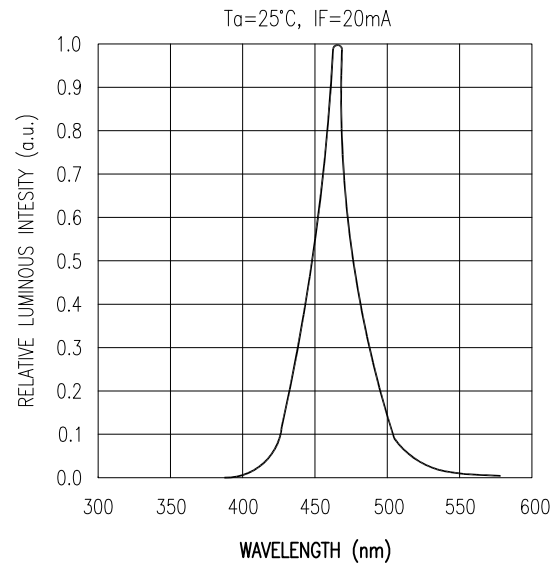
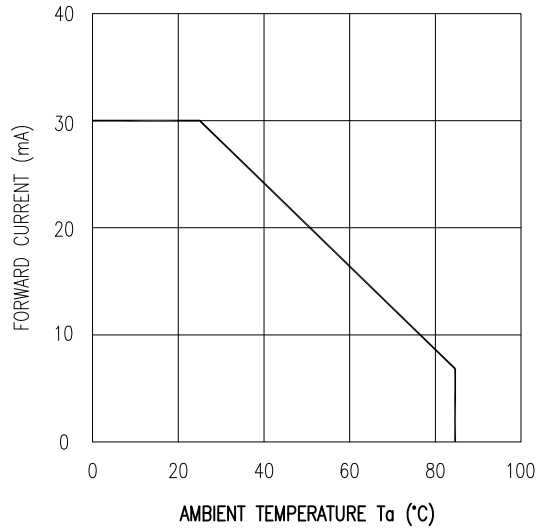
CATHODE IS ORIENTED TOWARDS THE TAPE SPOCKET HOLE.

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

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

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.=^{+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.

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]	Ⓟ