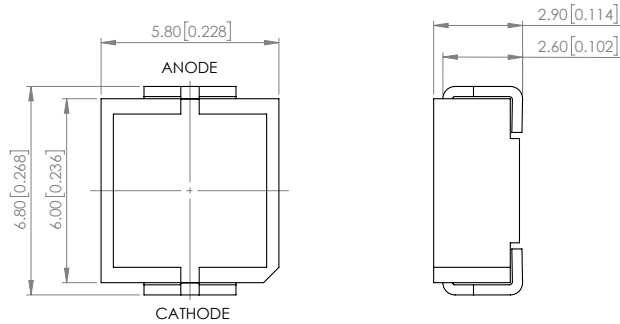
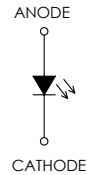


PART NUMBER		SML-LXIL2324USBCTR	REV	C
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #10BRDR. & REDRAWN			10.03.13
B	E.C.N. #11880.			10.03.13
C	ECN-Lumex201700078			09.25.17

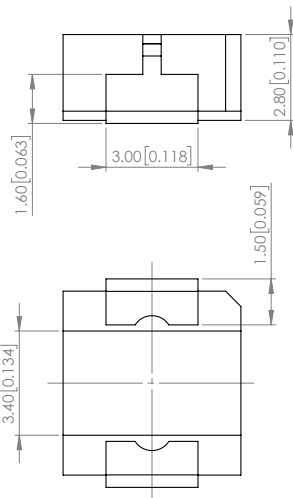


POLARITY

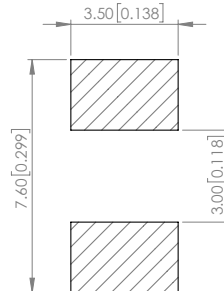


ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
DOMINANT WAVELENGTH	-	470	-	nm	If=20mA
FORWARD VOLTAGE	-	3.4	3.8	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	Vr=5V
LUMINOUS INTENSITY	-	20000	-	mcd	If=20mA
VIEWING ANGLE	-	8	-	2x theta 1/2	-
EMITTED COLOR	BLUE				
EPOXY LENS FINISH	WATER CLEAR				



RECOMMENDED SOLDER PAD LAYOUT



ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
FORWARD CURRENT	30	mA
REVERSE VOLTAGE	4	V
POWER DISSIPATION	114	mW
STORAGE TEMPERATURE	-30 TO +85	°C
OPERATING TEMPERATURE	-30 TO +85	°C

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 MAX= *DECIMAL PRECISION



425 N. GARY AVE.
CAROL STREAM, IL 60188
PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM

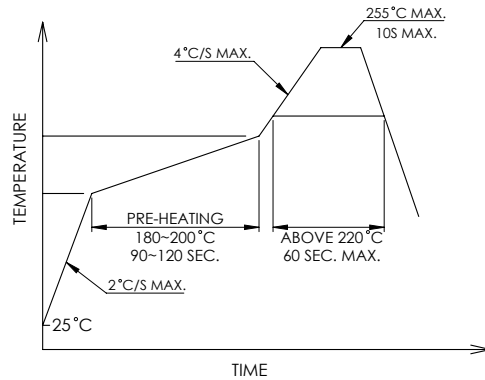
6.8(L)*5.8(W)*2.9(H)mm, NARROW BEAM 6mm SMT LED, 470nm BLUE LED, WATER CLEAR LENS, TAPE & REEL.

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

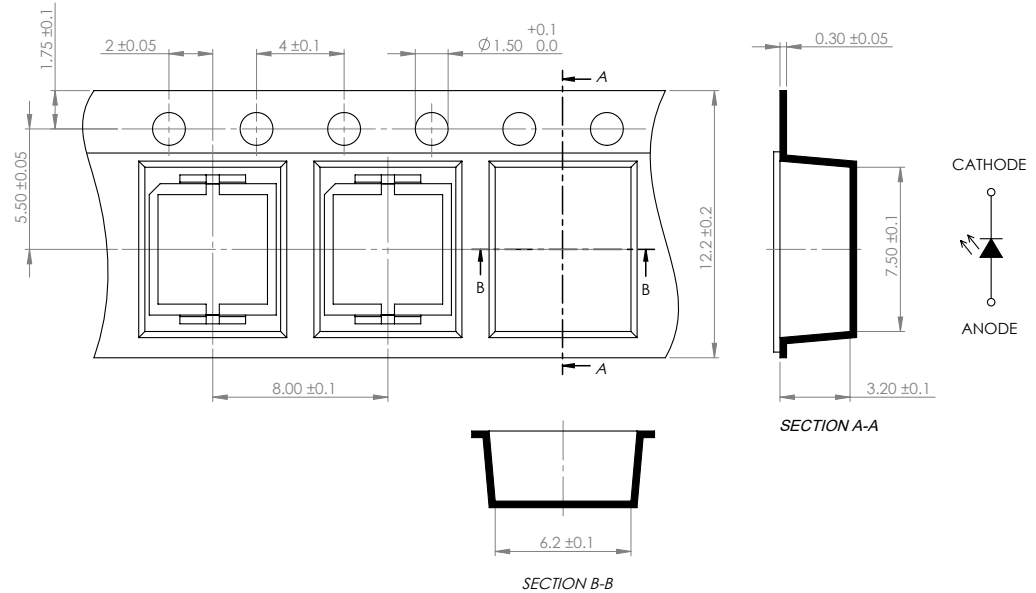
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DATE : 2017.09.25	DRAWN BY : C.C.
PAGE : 1 OF 3	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : E.C.
UNIT : mm [INCH]	Ⓢ

PROFILE



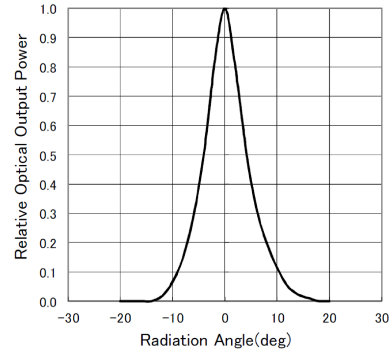
CARRIER TAPE DIMENSION



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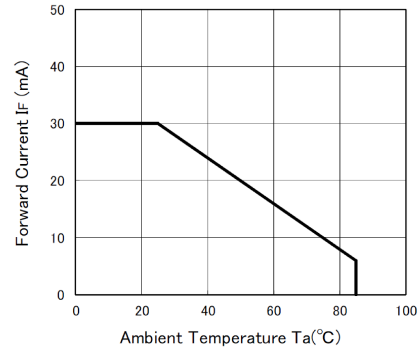
DIRECTIVITY (TYPICAL)

DIRECTIVITY

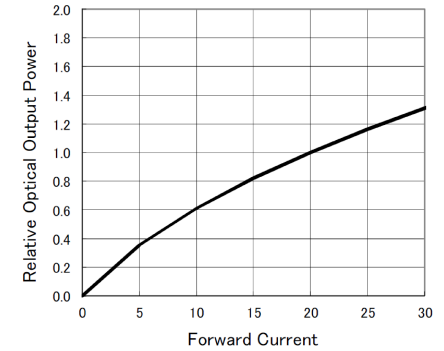


CHARACTERISTICS (TYPICAL)

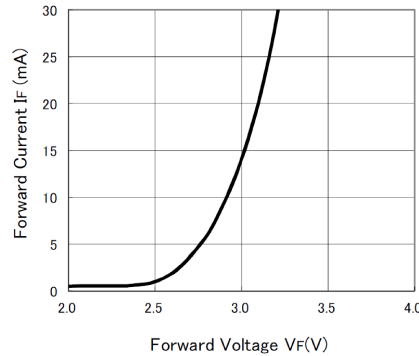
AMBIENT TEMPERATURE vs. FORWARD CURRENT



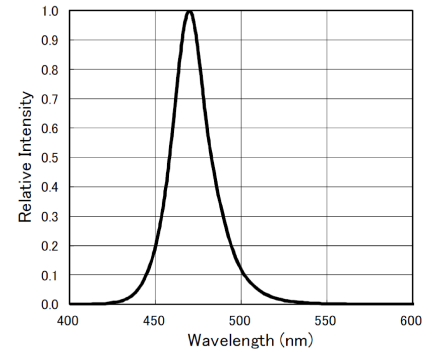
FORWARD CURRENT vs. RELATIVE OPTICAL OUTPUT POWER



FORWARD VOLTAGE vs. FORWARD CURRENT CONDITION : Ta=25°C



RELATIVE INTENSITY vs. WAVELENGTH CONDITION : Ta=25°C, If=20mA



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