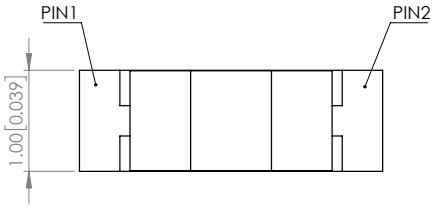
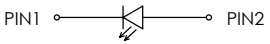
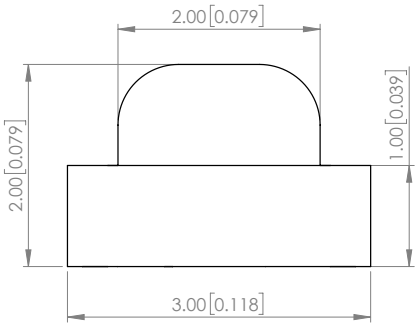
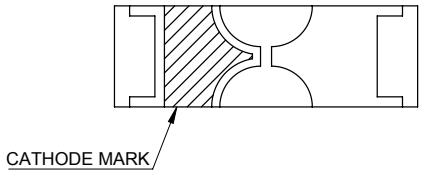
PART NUMBER	SML-LX1204USBCRATR	REV	--



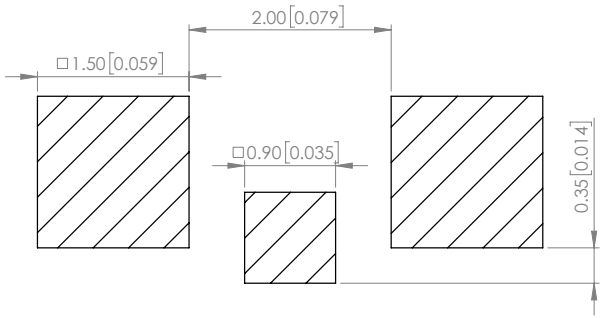
POLARITY







RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTIC TA=25℃

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAELENGHT	-	460	-	nm	If=20mA
FORWARD VOLTAGE	-	3.2	4	Vf	If=20mA
REVERSE VOLTAGE	-	-	5	Vr	IR=50uA
LUMINOUS INTENSITY	-	80	-	mcd	If=20mA
VIEWING ANGLE	-	120	-	2x theta1/2	If=20mA
EMITTED COLOR	BLUE				
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25℃

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
FORWARD CURRENT	30	mA
POWER DISIPATION	120	mW
STORAGE TEMPERATURE	-40 to +85	℃
OPERATING TEMPERATURE	-40 to +85	℃

***t<10us**

CUSTON: MOISTURE SENITIVE DEVICE
PER JEDEC LEVEL 3 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= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

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CAROL STREAM, IL 60188
PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM425

3.0(L)*1.0(W)*2.0(H)mm, RIGHT ANGLE SURFACE MOUNT LED, InGaN/BLUE LED, WATER CLEAR LENS, TAPE & REEL

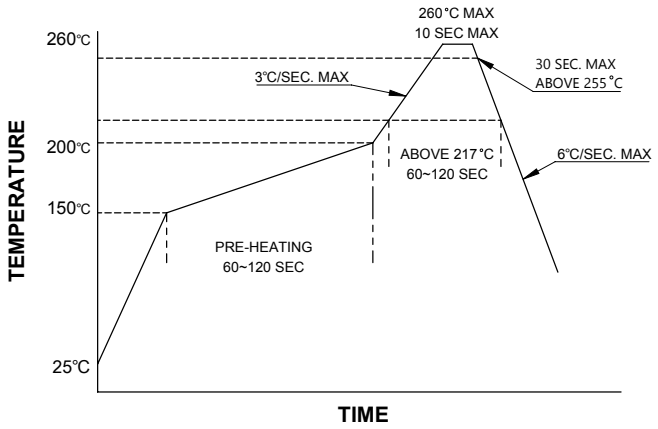
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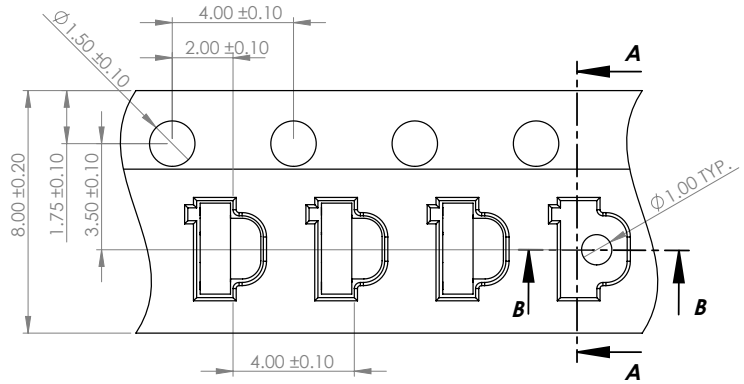
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PAGE : 1 OF 2	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : R.C.
UNIT : mm [INCH]	Pb

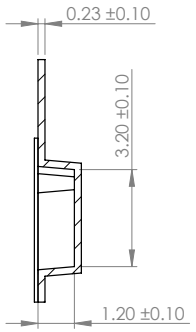
PART NUMBER	SML-LX1204USBCRATR	REV	--

PROFILE

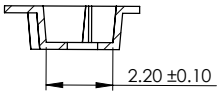


CARRIER TAPE DIMENSION





***SECTION** A-A*



***SECTION** B-B*

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3.0(L)*1.0(W)*2.0(H)mm, RIGHT ANGLE SURFACE MOUNT LED, InGaN/BLUE LED, WATER CLEAR LENS, TAPE & REEL

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