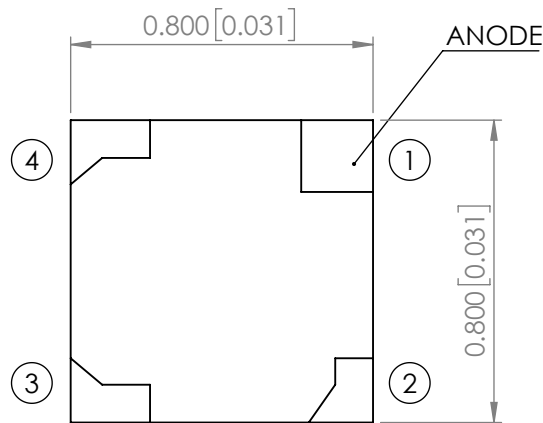
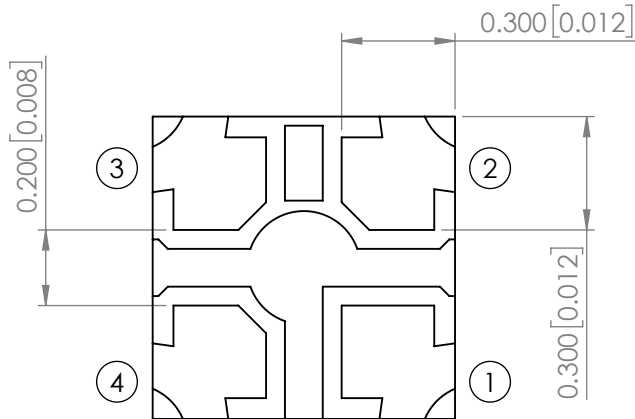
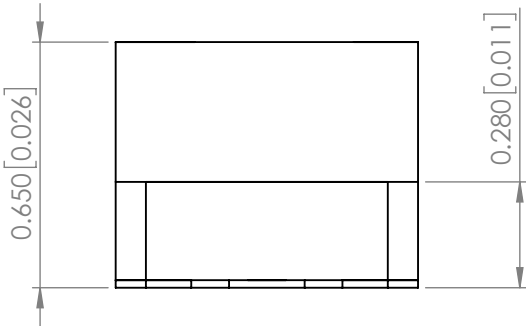
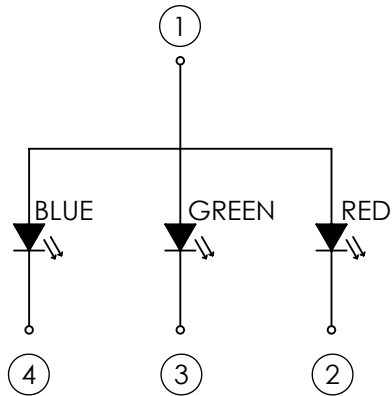


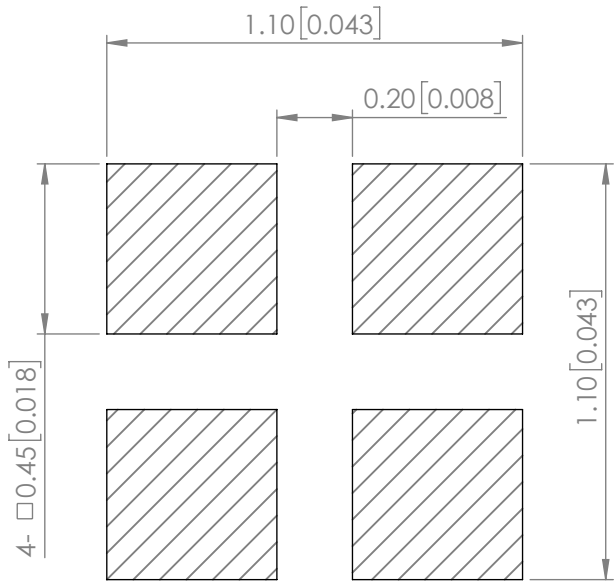
PART NUMBER		SML-LXT0303RGBC-TR	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex201900074			07.25.19



POLARITY



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	R	-	610	-	nm	If=3mA
	G	-	520	-		If=5mA
	B	-	470	-		If=5mA
FORWARD VOLTAGE	R	1.7	-	2.4	Vf	If=3mA
	G	2.4	-	3.2		If=5mA
	B	2.4	-	3.2		If=5mA
REVERSE CURRENT	R	-	-	10	uA	VR=5V
	G	-	-	50		
	B	-	-	50		
LUMINOUS INTENSITY	R	9.0	-	22.5	mcd	If=3mA
	G	45.0	-	112.0		If=5mA
	B	7.2	-	18.0		If=5mA
VIEWING ANGLE		-	120	-	2x theta1/2	-
EMITTED COLOR		RED / GREEN / BLUE				
EPOXY LENS FINISH		CLEAR LENS (TINTED) WITH TEXTURED FINISH TOP				

ABSOLUTE MAXIMUM RATINGS TA=25°C

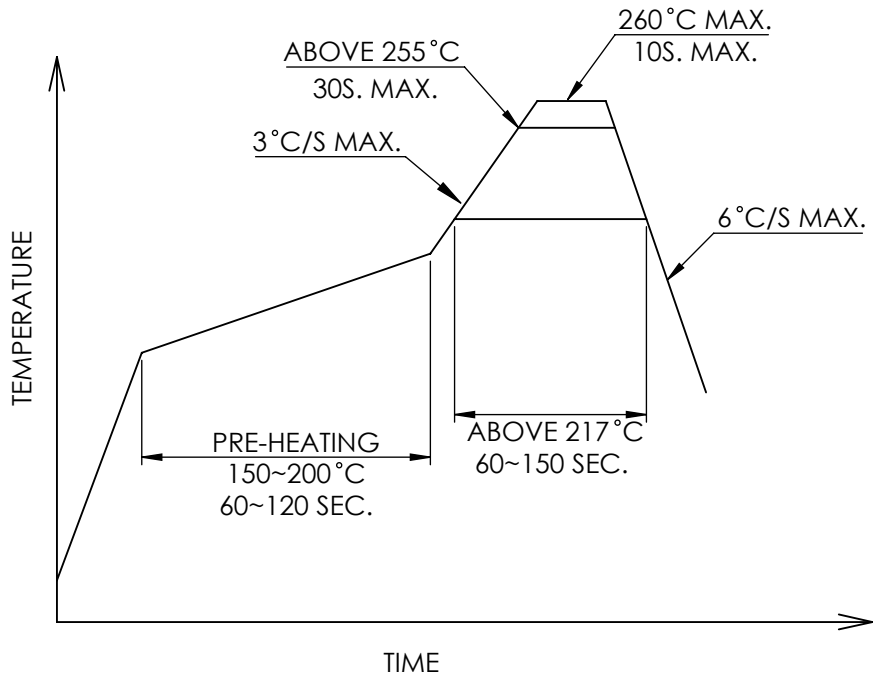
PARAMETER	MAX	UNITS
REVERSE VOLTAGE	5	V
POWER DISSIPATION (R/G/B)	24 / 31 / 31	mW
STORAGE TEMPERATURE	-40 TO +90	°C
OPERATING TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE*	3 SEC. MAX @ 260	°C

*2.0mm FROM BODY

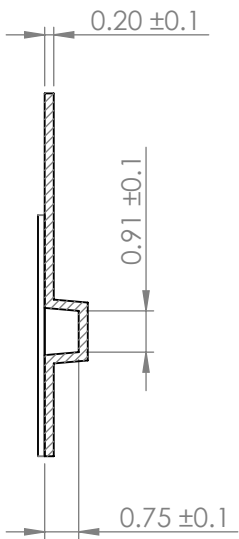
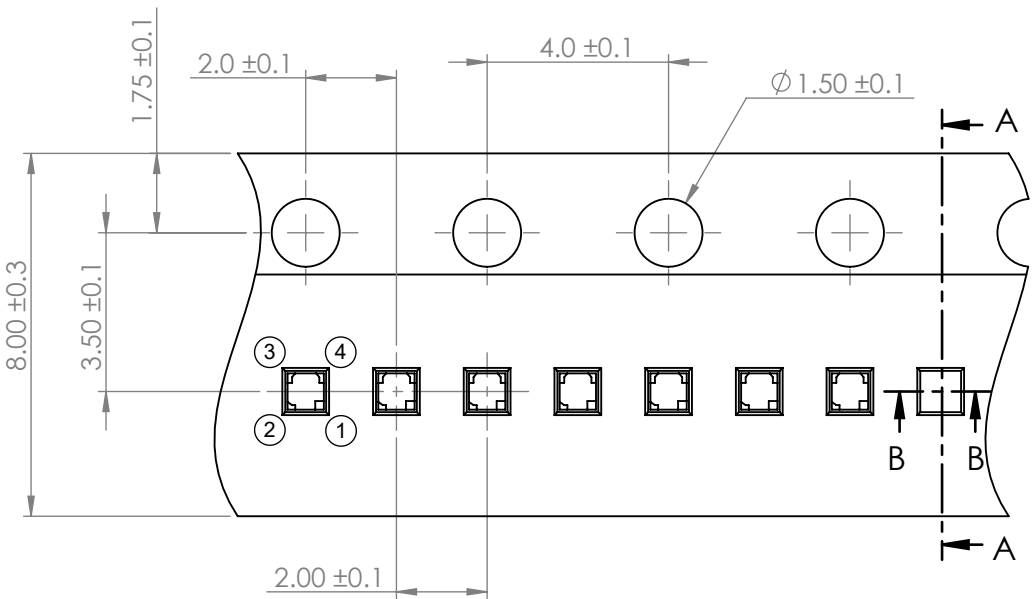
MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

*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= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

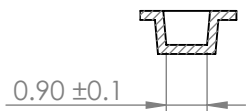
PROFILE



CARRIER TAPE DIMENSION



SECTION A-A



SECTION B-B

NOTE:
1. 2000 PCS/REEL.

*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}



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CAROL STREAM, IL 60188
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FAX : 630-315-2150
WEB : WWW.LUMEX.COM

0.8(L)*0.8(W)*0.65(H)mm,SURFACE MOUNT LED, 610nm AlGaInp Red / 520nm InGaN GREEN / 470nm InGaN BLUE LED,COMMON ANODE, TAPE & REEL.

****THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.****

CONFIDENTIAL INFORMATION

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DATE : 2019.07.25

DRAWN BY : C.S.

PAGE : 2 OF 2

CHKD BY : E.C.

SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]

(Pb)