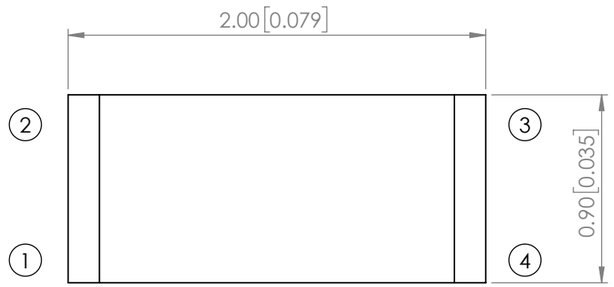
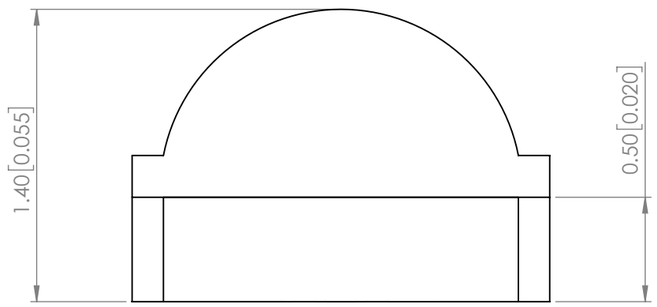
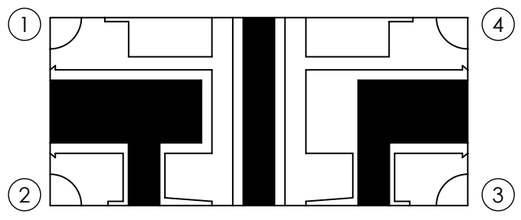
PART NUMBER	SML-LXR0804RGBC-TR	REV	A

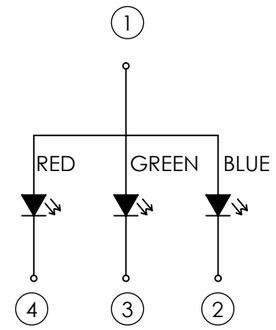
REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	ECN-Lumex201900073	06.11.19



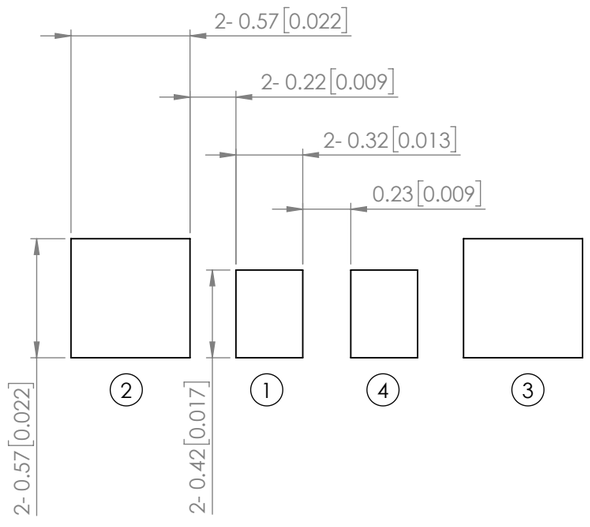




POLARITY



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTIC TA=25℃

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	R	-	630	-	nm	If=20mA
	G	-	525	-		
	B	-	475	-		
FORWARD VOLTAGE	R	-	2.0	2.4	Vf	If=20mA
	G	-	2.8	3.4		
	B	-	2.8	3.4		
REVERSE CURRENT	R	-	-	1	uA	VR=5V
	G	-	-	1		
	B	-	-	1		
LUMINOUS INTENSITY	R	-	420	-	mcd	If=20mA
	G	-	750	-		
	B	-	130	-		
VIEWING ANGLE			105		2x theta1/2	-
EMITTED COLOR		RED / GREEN / BLUE				
EPOXY LENS FINISH		WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25℃

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT (R/G/B)*	40 / 30 / 30	mA
FORWARD CURRENT (R/G/B)	20 / 20 / 20	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION (R/G/B)	48 / 68 / 68	mW
OPERATING TEMPERATURE	-40 TO +85	℃
SOLDERING TEMPERATURE	3 SEC. MAX @ 260	℃

***t<10us**

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 4 STANDARDS

STATIC DEVICE FOLLOW PROPER
E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART

*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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2.0(L)*1.4(W)*0.9(H)mm, RIGHT ANGLE SURFACE MOUNT LED, AlInGaP 630nm RED / InGaN 525nm GREEN / InGaN 475nm BLUE LED, WATER CLEAR LENS, TAPE & REEL, COMMON ANODE.

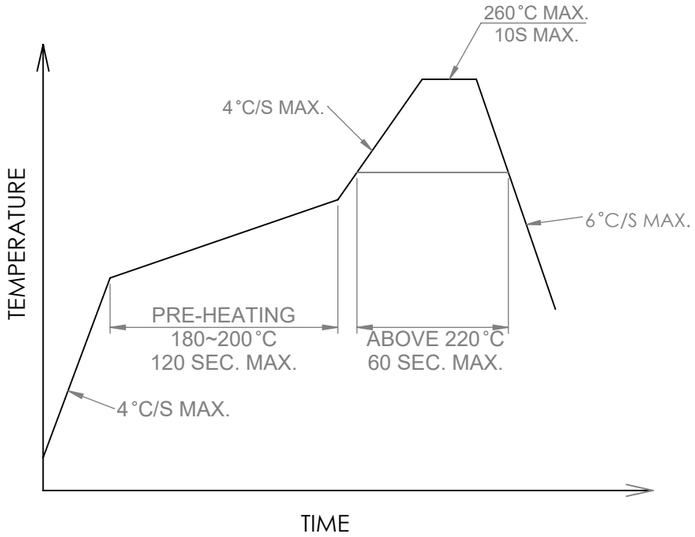
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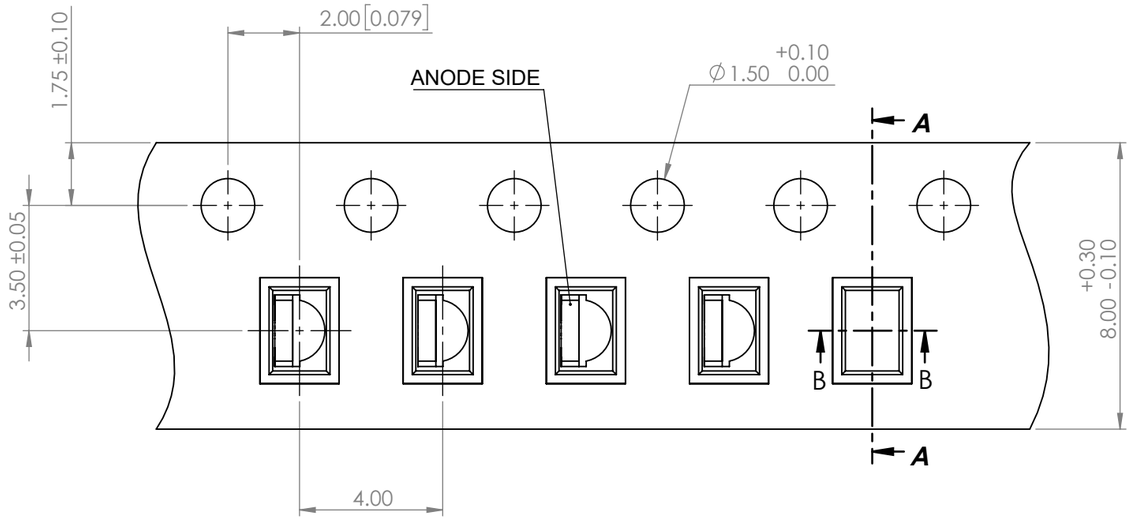
DATE : 2019.6.11	DRAWN BY : C.S.
PAGE : 1 OF 2	CHKD BY : E.C.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	Pb

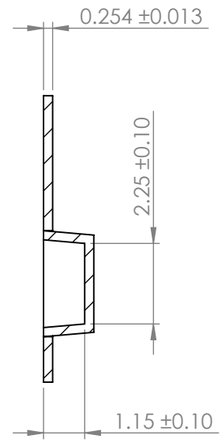
PART NUMBER	SML-LXR0804RGBC-TR	REV	A

PROFILE

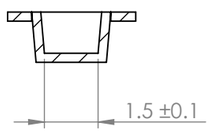


CARRIER TAPE DIMENSION





SECTION A-A



SECTION B-B

NOTE:
1. 4000 PCS/REEL

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