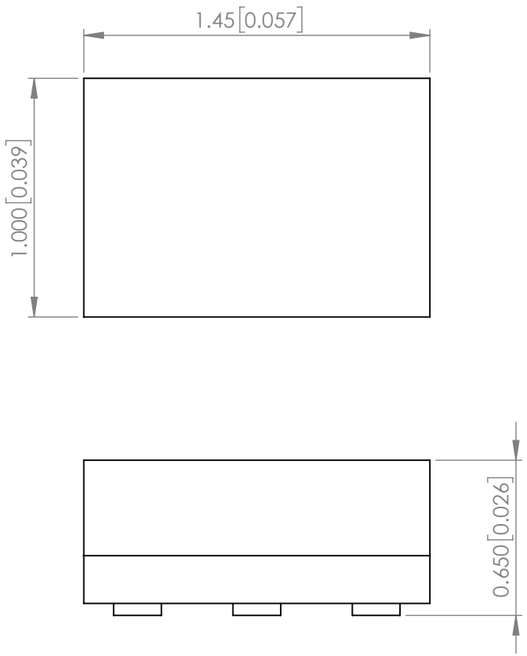
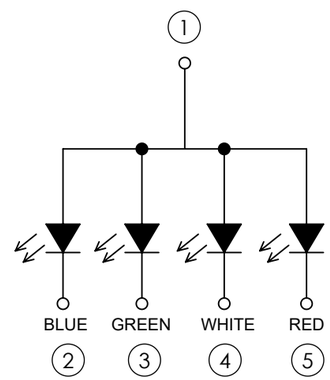
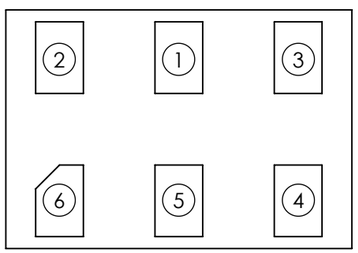
PART NUMBER	SML-LX0604RGBWC-TR	REV	--

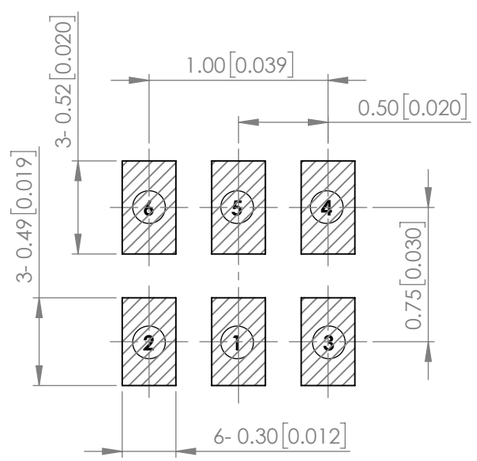


POLARITY



RECOMMENDED SOLDER PAD LAYOUT





ELECTRO-OPTICAL CHARACTERISTIC TA=25℃

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
DOMINANT WAVELENGTH	R	-	620	-	nm	If=1mA
	G	-	530	-		
	B	-	470	-		
	W	-	6500	-	K	
FORWARD VOLTAGE	R	-	1.7	1.9	Vf	If=1mA
	G	-	2.8	2.9		
	B	-	2.8	2.9		
	W	-	2.8	2.9		
REVERSE CURRENT	R	-	-	10	nA	VR=9V
	G	-	-	10		
	B	-	-	10		
	W	-	-	10		
LUMINOUS INTENSITY	R	-	4	-	mcd	If=1mA
	G	-	32	-		
	B	-	7	-		
	W	-	13	-		
VIEWING ANGLE		-	120	-	2x theta1/2	If=1mA
EMITTED COLOR		RED / GREEN / BLUE / WHITE				
EPOXY LENS FINISH		WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25℃

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT (R/G/B/W)*	15 / 15 / 15 / 15	mA
FORWARD CURRENT	10 / 10 / 10 / 10	mA
POWER DISSIPATION (R/G/B/W)	19 / 29 / 29 / 29	mW
STORAGE TEMPERATURE	-40 TO +90	℃
OPERATING TEMPERATURE	-40 TO +85	℃
SOLDERING TEMPERATURE**	3 SEC. MAX. @260	℃

***t<10us**
****2.0mm FROM BODY.**

NOTE:
1. RoHS COMPLIANT.
2. COMPLIANCE WITH EU REACH.
3. COMPLIANCE Halogen FREE.
   (Br < 900ppm, Cl < 900ppm, Br+ Cl < 1500ppm)
4. PACKAGE: 4000 PCS/REEL MIN.

*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
PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM

1.45(L)*1.0(W)*0.65(H)mm, SURFACE MOUNT LED, AlGaInP 620nm RED / InGaN 530nm GREEN / InGaN 470nm BLUE LED / InGaN 6500K WHITE LED, WATER CLEAR LENS, TAPE AND REEL.

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

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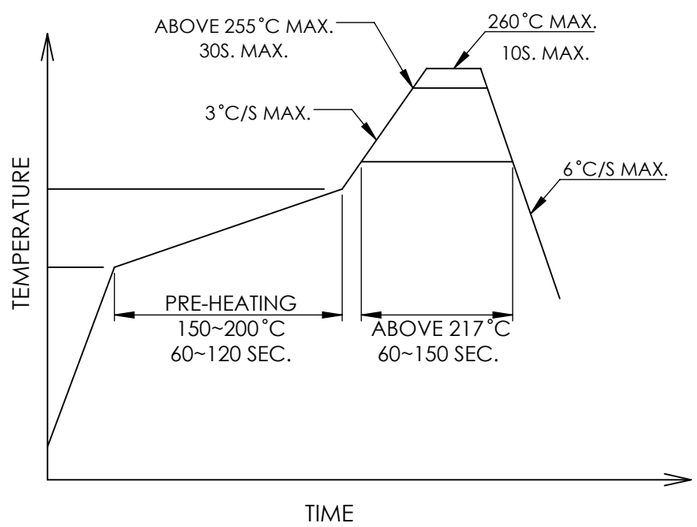
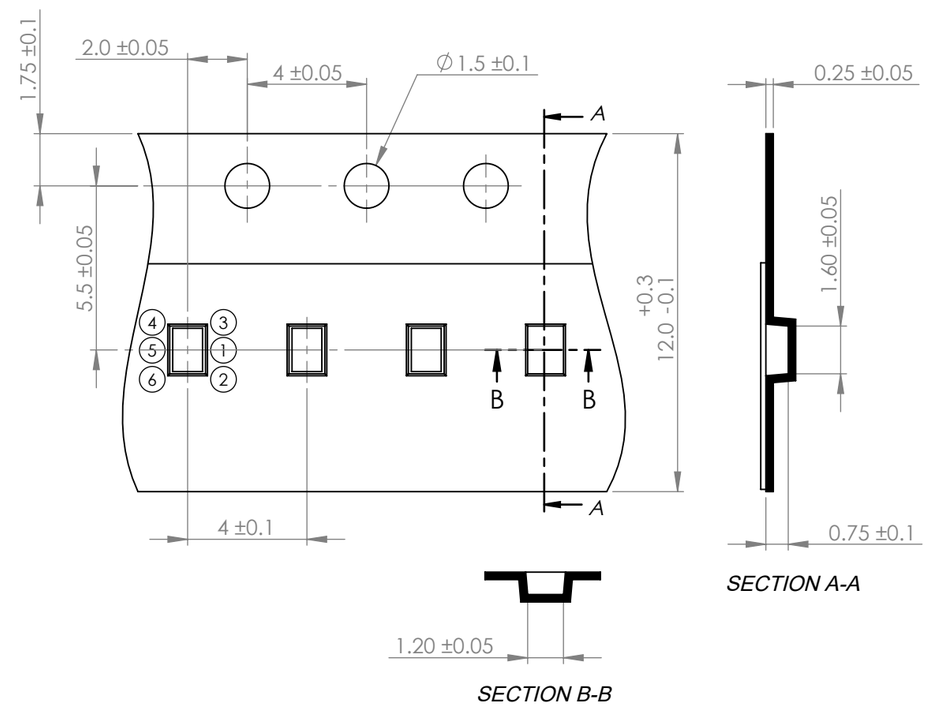
DATE : 2018.06.25	DRAWN BY : C.C.
PAGE : 1 OF 2	CHKD BY : E.C.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	Pb

PART NUMBER	SML-LX0604RGBWC-TR	REV	--

PROFILE



CARRIER TAPE DIMENSION



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