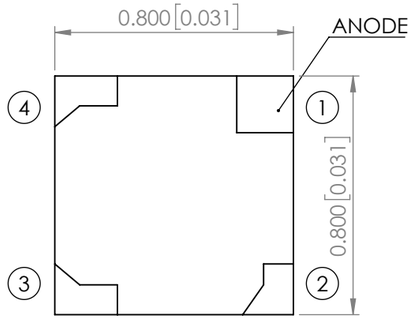
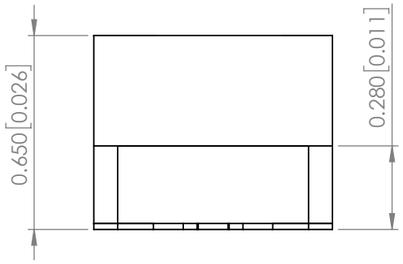
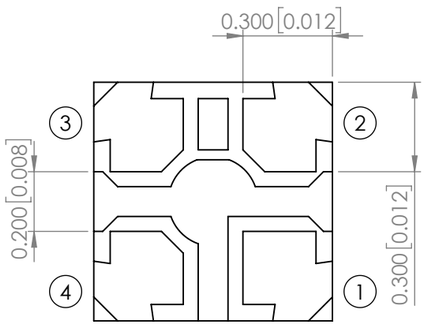
PART NUMBER	SML-LX0303RGBC/1TR	REV	A

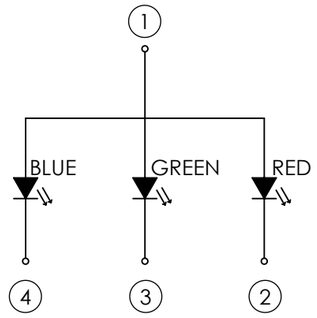
REV	E.C.N NUMBER AND REVISION COMMENTS	DATE
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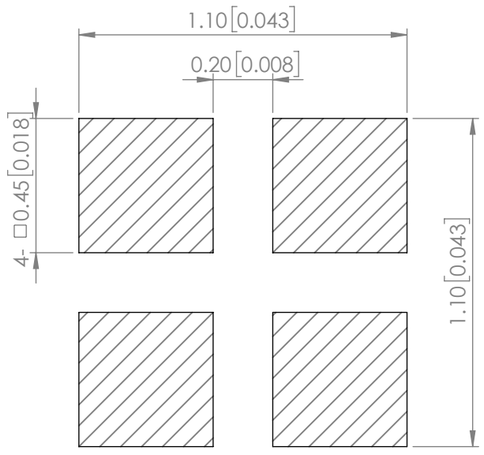




POLARITY



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTIC TA=25℃

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	R	-	625	-	nm	If=3mA
	G	-	525	-		If=5mA
	B	-	465	-		If=5mA
FORWARD VOLTAGE	R	-	2.0	2.4	Vf	If=3mA
	G	-	2.9	3.0		If=5mA
	B	-	2.9	3.0		If=5mA
REVERSE CURRENT		-	-	10	uA	VR=5V
LUMINOUS INTENSITY	R	8.5	-	20	mcd	If=3mA
	G	50	-	104		If=5mA
	B	8	-	18		If=5mA
VIEWING ANGLE		-	120	-	2x theta1/2	-
EMITTED COLOR		R / G / B				
EPOXY LENS FINISH		CLEAR LENS (TINTED) WITH TEXTURED FINISH TOP				

ABSOLUTE MAXIMUM RATINGS TA=25℃

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT (R/G/B)*	20 / 20 / 20	mA
FORWARD CURRENT (R/G/B)	10 / 10 / 10	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION (R/G/B)	24 / 31 / 31	mW
STORAGE TEMPERATURE	-40 TO +90	℃
OPERATING TEMPERATURE	-40 TO +85	℃
SOLDERING TEMPERATURE	3 SEC. MAX @ 260	℃

***t<10us**

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= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

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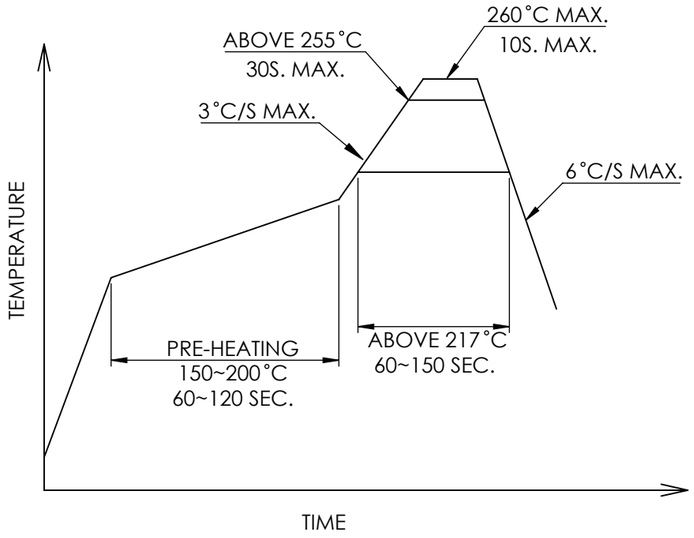
0.8(L)*0.8(W)*0.65(H)mm,SURFACE MOUNT LED,AlGaInp RED / InGaN GREEN / InGaN BLUE LED,CLEAR LENS (TINTED) WITH TEXTURED FINISH TOP,COMMON ANODE,TAPE & REEL

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.
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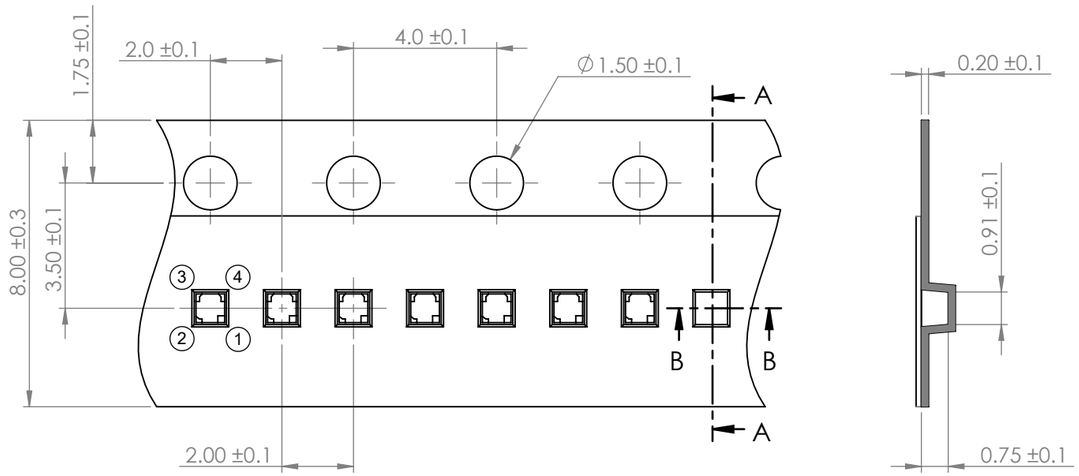
DATE : 2020.12.30	DRAWN BY : E.C.
PAGE : 1 OF 2	CHKD BY : E.C.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	Pb

PART NUMBER	SML-LX0303RGBC/1TR	REV	A

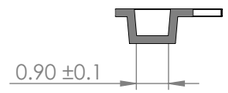
PROFILE



CARRIER TAPE DIMENSION



SECTION A-A



SECTION B-B

NOTE:
1. 10000 PCS/REEL.

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0.8(L)*0.8(W)*0.65(H)mm,SURFACE MOUNT LED,AlGaInp RED / InGaN GREEN / InGaN BLUE LED,CLEAR LENS (TINTED) WITH TEXTURED FINISH TOP,COMMON ANODE,TAPE & REEL

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

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