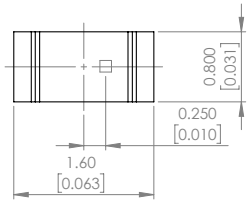
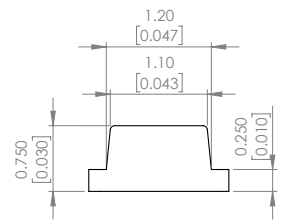
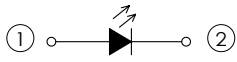


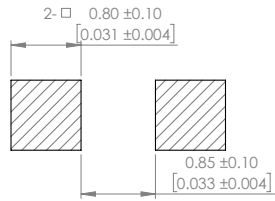
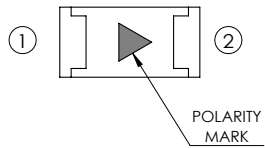
PART NUMBER		SML-LXFT0603GC-TR	REV	E
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #10967.			3.14.03
B	E.C.N. #11148.			12.16.08
C	E.C.N. #10BRDR & REDRAWN.			12.27.12
D	ECN-Lumex201700018			05.24.17
E	ECN-Lumex201700100			11.01.17



POLARITY



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	565	-	nm	If=20mA
FORWARD VOLTAGE	-	2.2	2.5	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	5	12	-	mcd	If=20mA
VIEWING ANGLE	-	150	-	2x theta/2	-
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	140	mA
FORWARD CURRENT	25	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	62.5	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C

*1/10 Duty Cycle, 0.1ms Pulse Width.

- NOTE:**
1. ROHS COMPLIANT.
2. PACKAGE : 2000PCS/REEL

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= ^{±0.001}DECIMAL PRECISION, MAX= ^{±0.001}DECIMAL PRECISION

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CAROL STREAM, IL 60188
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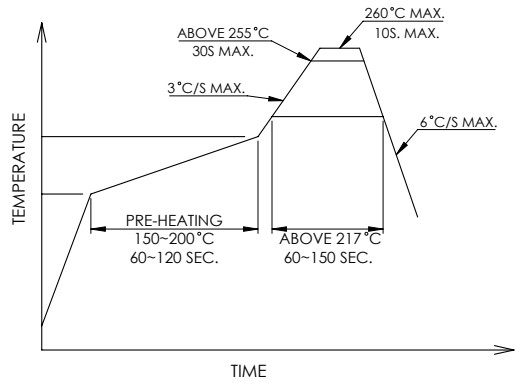
1.6(L)*0.8(W)*0.75(H)mm, ULTRA THIN SURFACE MOUNT LED, 565nm GREEN LED, WATER CLEAR

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

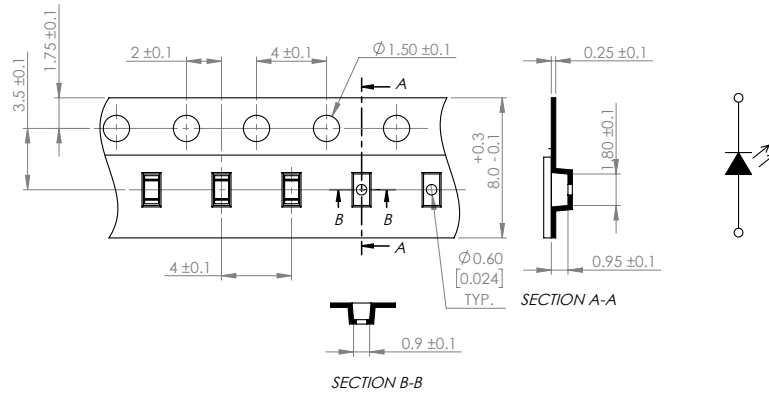
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DATE : 2017.11.01	DRAWN BY : K.Y.
PAGE : 1 OF 2	CHKD BY : E.C.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	

PROFILE



CARRIER TAPE DIMENSION



*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= ^{0.00}/_{DECIMAL PRECISION} MAX= ^{0.00}/_{DECIMAL PRECISION}

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