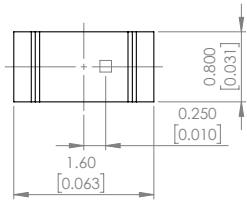
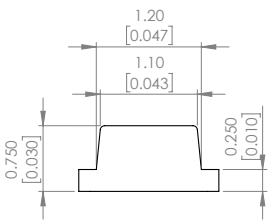
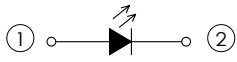


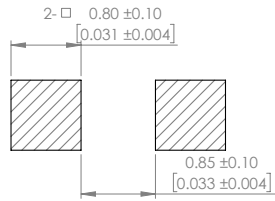
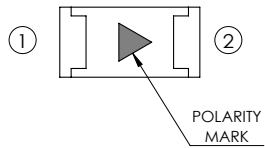
<b>PART NUMBER</b>		SML-LXFT0603GC-TR	<b>REV</b>	E
<b>REV</b>	<b>E.C.N. NUMBER AND REVISION COMMENTS</b>			<b>DATE</b>
A	E.C.N. #10967.			3.14.03
B	E.C.N. #11148.			12.16.08
C	E.C.N. #10BRDR & REDRAWN.			12.27.12
D	ECN-Lumex201700018			05.24.17
E	ECN-Lumex201700100			11.01.17



**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= <sup>±0.001</sup>DECIMAL PRECISION, MAX= <sup>±0.001</sup>DECIMAL PRECISION

**LUMEX**  
Creating LED and LCD Solutions Together™

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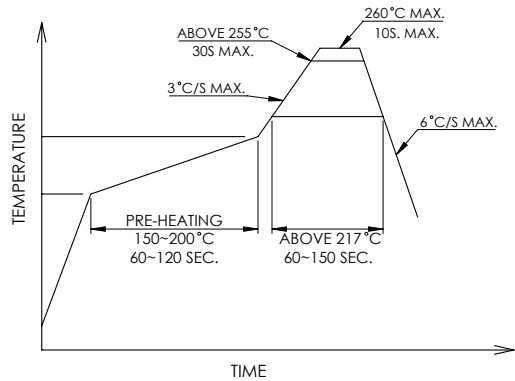
1.6(L)\*0.8(W)\*0.75(H)mm, ULTRA THIN SURFACE MOUNT LED, 565nm GREEN LED, WATER CLEAR

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

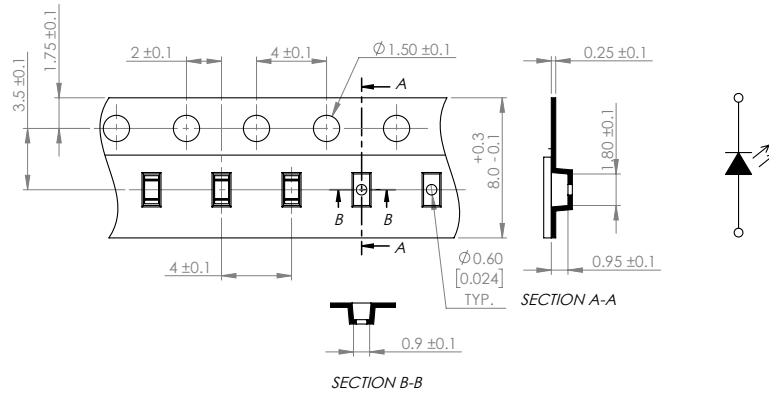
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PAGE : 1 OF 2	CHKD BY : E.C.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	

**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= <sup>±0.00</sup> DECIMAL PRECISION, MAX= <sup>±0.00</sup> DECIMAL PRECISION



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