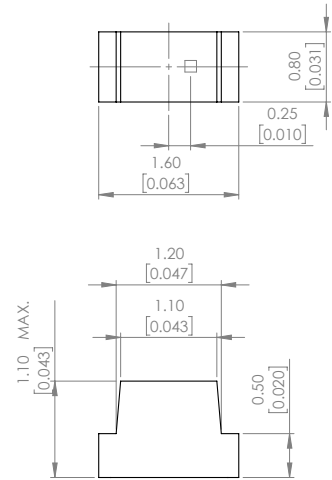
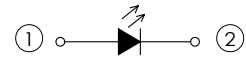


PART NUMBER		SML-LXFM0603SUGCTR	REV	E
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #10967.			3.14.03
B	E.C.N. #11148.			3.1.05
C	E.C.N. #11304.			1.26.06
D	E.C.N. #11889.			11.27.13
E	ECN-Lumex201700095			24.10.17



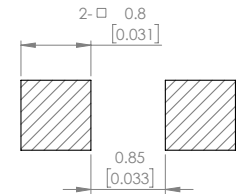
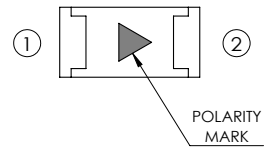
**POLARITY**



**ELECTRO-OPTICAL CHARACTERISTIC TA=25°C**

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	574	-	nm	If=20mA
FORWARD VOLTAGE	-	2.1	2.5	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	20	60	-	mcd	If=20mA
VIEWING ANGLE	-	120	-	2x theta1/2	-
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	WATER CLEAR				

**RECOMMENDED SOLDER PAD LAYOUT**



**ABSOLUTE MAXIMUM RATINGS TA=25°C**

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	75	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>±0.00</sup>DECIMAL PRECISION, MAX= <sup>±0.00</sup>DECIMAL PRECISION

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425 N. GARY AVE.  
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 FAX : 630-315-2150  
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1.6(L)\*0.8(W)\*1.1(H)mm, SURFACE MOUNT LED ,GREEN ,574nm, AlGalnP , WATER CLEAR LENS, TAPE & REEL

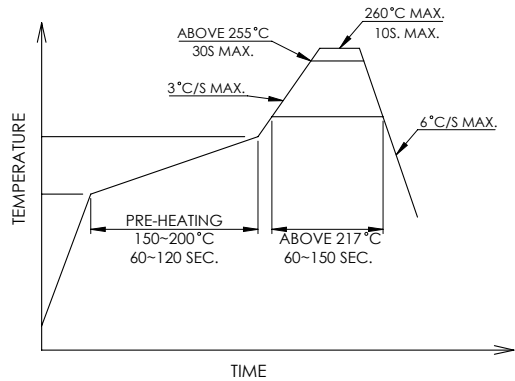
\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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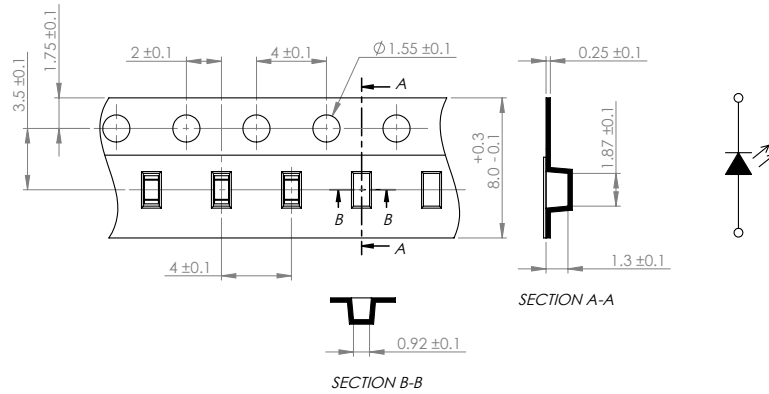
DATE : 2017.10.24	DRAWN BY : K.Y.
PAGE : 1 OF 2	CHKD BY : E.C.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	

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

	425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE : 800-278-5666 FAX : 630-315-2150 WEB : WWW.LUMEX.COM	1.6(L)*0.8(W)*1.1(H)mm, SURFACE MOUNT LED ,GREEN ,574nm, AlGaInP , WATER CLEAR LENS, TAPE & REEL  <b>**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.**</b>  CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	DATE : 2017.10.24 PAGE : 2 OF 2 SCALE : NTF UNIT : mm [INCH]	DRAWN BY : K.Y. CHKD BY : E.C. APRVD BY : G.Y. 
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