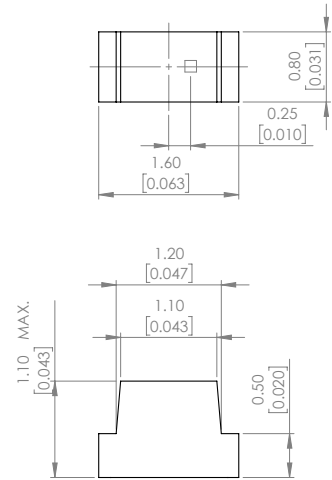
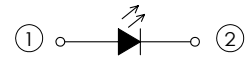


PART NUMBER		SML-LXFM0603SUGCTR	REV	E
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #10967.			3.14.03
B	E.C.N. #11148.			3.1.05
C	E.C.N. #11304.			1.26.06
D	E.C.N. #11889.			11.27.13
E	ECN-Lumex201700095			24.10.17



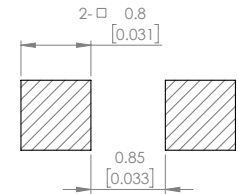
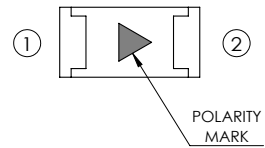
POLARITY



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

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 Creating LED and LCD Solutions Together™

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 CAROL STREAM, IL 60188
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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

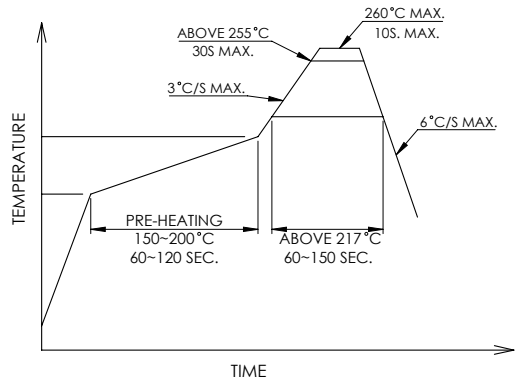
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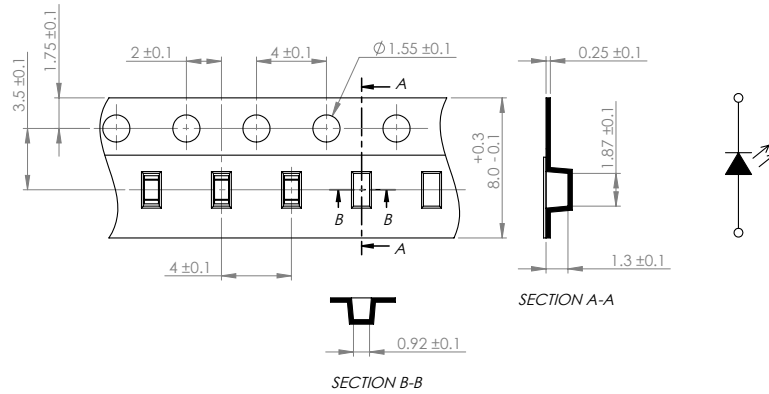
DATE : 2017.10.24	DRAWN BY : K.Y.
PAGE : 1 OF 2	CHKD BY : E.C.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	

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E	ECN-Lumex201700095		24.10.17	

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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