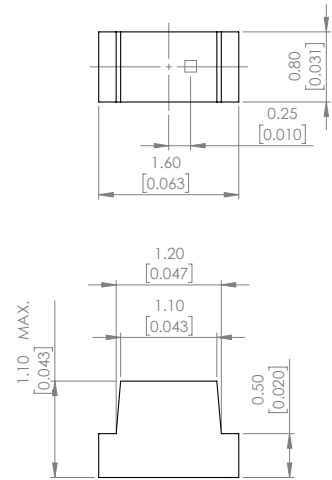
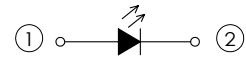


PART NUMBER	SML-LXFM0603SUGCTR	REV	E
REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #10967.	3.14.03	
B	E.C.N. #11148.	3.1.05	
C	E.C.N. #11304.	1.26.06	
D	E.C.N. #11889.	11.27.13	
E	ECN-Lumex201700095	24.10.17	



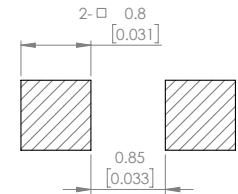
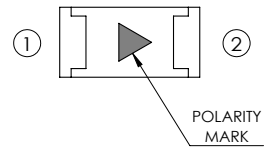
POLARITY



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.

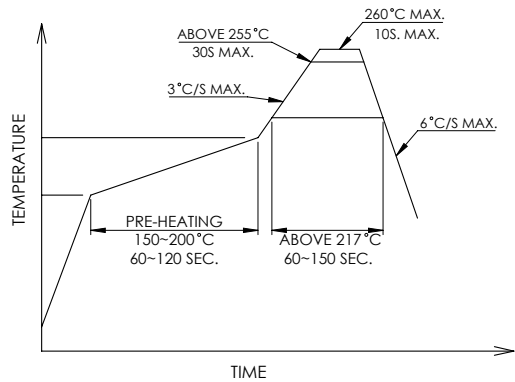
NOTE:
1. RoHS COMPLIANT.
2. PACKAGE : 2000PCS/REEL

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

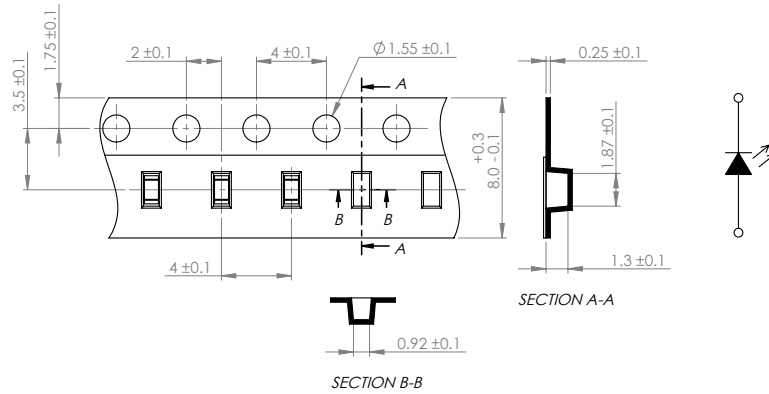
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005), LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN= ^{±0.001}DECIMAL PRECISION, MAX= ^{±0.001}DECIMAL PRECISION

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	

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} / 0.00 DECIMAL PRECISION MAX= ^{±0.00} / 0.00 DECIMAL PRECISION



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 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

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

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SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	

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