



**THE DATASHEET OF
SML-LXFM0603SUGCTR**



PART NUMBER	SML-LXFM0603SUCCTR	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



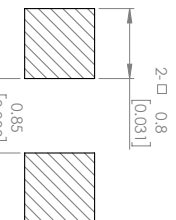
ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

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	-	mod	If=20mA
VIEWING ANGLE	-	120	-	2x theta1/2	-
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	WATER CLEAR				

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.



RECOMMENDED SOLDER PAD LAYOUT

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

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

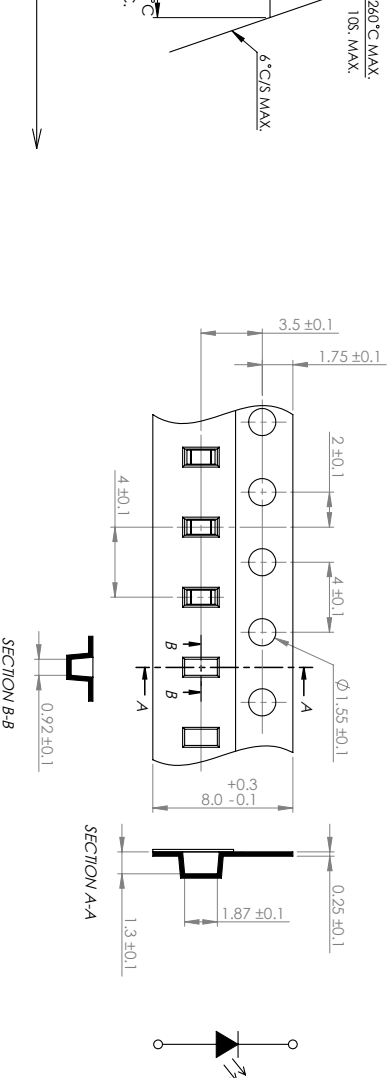
DATE	2017-10-24	DRAWN BY	K.Y.
PAGE	1 OF 2	CHD BY	E.C.
SCALE	1:1 NTF	APRVD BY	G.Y.
UNIT	mm (INCH)		

1.6(±0.08)W×1.1(±0.09)mm, SURFACE MOUNT LED, GREEN, 57nm, AIGaNIP, 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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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. #1148	3.1.05	
C	E.C.N. #11304	1.26.06	
D	E.C.N. #11889	11.27.13	
E	ECN:LimeX201700095	24.10.17	

CARRIER TAPE DIMENSION



±0.08 (±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.=^{+0.02}0, ORIGINAL PRECISION, MAX.=^{+0.02}0, ORIGINAL PRECISION
1.6(U) TO 8(W) 1, (4)mm, SURFACE MOUNT LED, GREEN, 57mm, AIGAINIP, WATER CLEAR LENS, TAPE & REEL

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 DATE : 2017-10-24 DRAWN BY : K.Y.
 PAGE : 2 OF 2 CHKD BY : E.C.
 SCALE : NTF APPROV BY : G.Y.
 UNIT : mm (INCH)

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- ⊖ [Lumex Opto/Components Inc. Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

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- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management