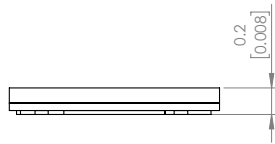
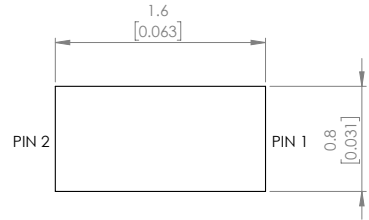
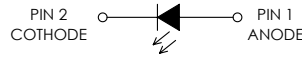


PART NUMBER		SML-LXFP0603UWW-TR	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex201700047			08.14.17



POLARITY



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
CHROMATICITY COORDINATES SPECIFICATIONS	X	- 0.29	-	nm	If=5mA
	Y	- 0.28	-		
FORWARD VOLTAGE	-	2.8	3.0	Vf	If=5mA
REVERSE VOLTAGE	-	-	5	Vr	Ir=50uA
LUMINOUS INTENSITY	-	212	-	mcd	If=5mA
VIEWING ANGLE	-	130	-	2x theta1/2	If=5mA
EMITTED COLOR	WHITE				
EPOXY LENS FINISH	YELLOW DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25°C

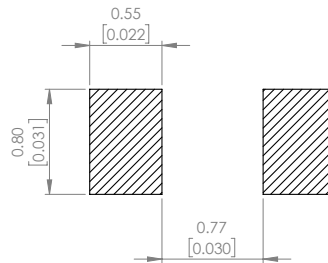
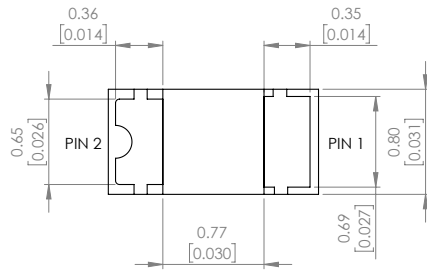
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
FORWARD CURRENT	25	mA
POWER DISSIPATION	95	mW
ELECTROSTATIC DISCHARGE	150	V
STORAGE TEMPERATURE	-40 TO +90	°C
OPERATING TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE	3 SEC. MAX @ 260	°C

*t<10us

NOTE:

1. RoHS COMPLIANT.
2. COMPLIANCE WITH EU REACH.
3. COMPLIANCE HALOGEN FREE .
(Br <900 ppm , Cl <900 ppm , Br+Cl < 1500 ppm).

RECOMMENDED SOLDER PAD LAYOUT



MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 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 0.00, MAX= ^{±0.001}DECIMAL PRECISION 0.00



425 N. GARY AVE.
CAROL STREAM, IL 60188
PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM

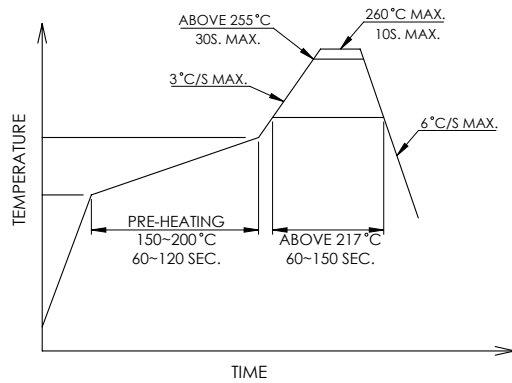
1.6(L)*0.8(W)*0.2(H)mm ULTRA THIN SMT LED, WHITE, DIFFUSED LENS, TAPE & REEL.

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

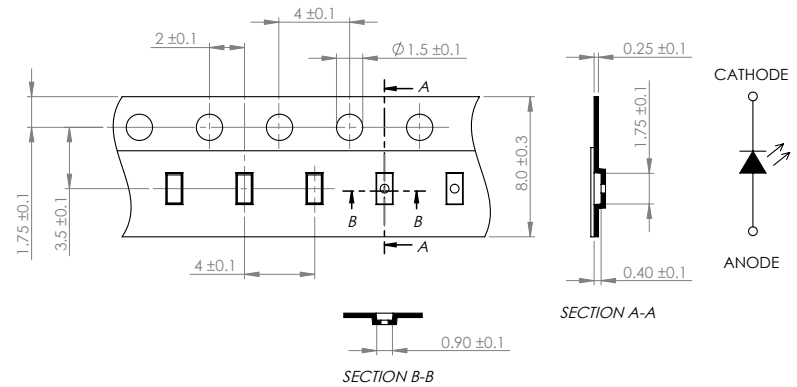
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DATE : 2017.08.14	DRAWN BY : C.C.
PAGE : 1 OF 2	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : E.C.
UNIT : mm [INCH]	(6)

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=^{DECIMAL PRECISION}/_{0.00} MAX.=^{DECIMAL PRECISION}/_{DECIMAL PRECISION}



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[SML-LXFP0603UWW-TR](#)