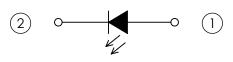
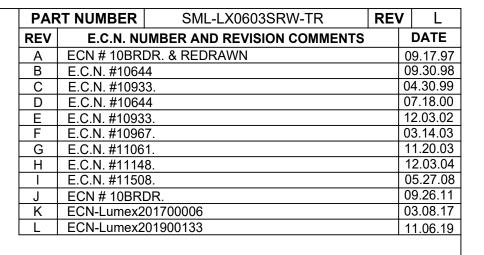


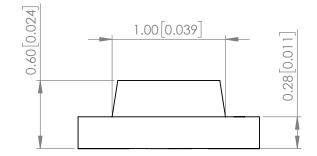
### **POLARITY**



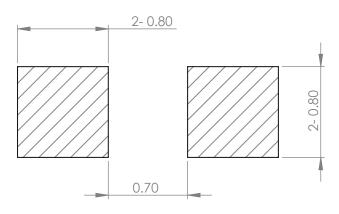


#### FLECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	660	-	nm	If=20mA
FORWARD VOLTAGE	-	1.7	2.2	Vf	If=20mA
REVERSE CURRENT	-	-	100	uA	VR=5V
LUMINOUS INTENSITY	-	15	-	mcd	If=20mA
VIEWING ANGLE	-	120	-	2x theta1/2	If=20mA
EMITTED COLOR	RED				
EPOXY LENS FINISH	MILKY WHITE DIFFUSED				



#### RECOMMENDED SOLDER PAD LAYOUT



#### ABSOLUTE MAXIMUM RATINGS TA=25℃

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	40	mA
FORWARD CURRENT	20	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	44	mW
STORAGE TEMPERATURE	-40 TO +100	°C
OPERATING TEMPERATURE	-40 TO +85	°C

\*t<10us

MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 2a STANDARDS STATIC DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X= $\pm$ 1 ( $\pm$ 0.039), X.X= $\pm$ 0.5 ( $\pm$ 0.020), X.XX= $\pm$ 0.25 ( $\pm$ 0.010), X.XXX= $\pm$ 0.127 ( $\pm$ 0.005). LEAD SIZE= $\pm$ 0.05 ( $\pm$ 0.002), LEAD LENGTH= $\pm$ 0.75 ( $\pm$ 0.030). MIN= $\pm$ 0.00 MAX.=  $\pm$ 0.00 MAX.=



0.70 0.028

425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE: 800-278-5666 FAX: 630-315-2150 WEB: WWW.LUMEX.COM 2-0.45 0.018

1.6(L)\*0.8(W)\*0.6(H)mm, PCB CHIP, SURFACE MOUNT LED, 660nm RED LED, MILKY WHITE DIFFUSED LENS.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.\*\*

CONFIDENTIAL INFORMATION

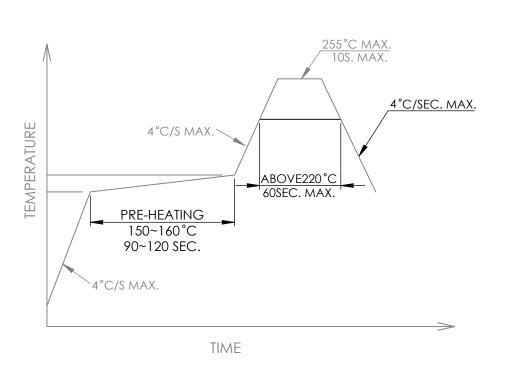
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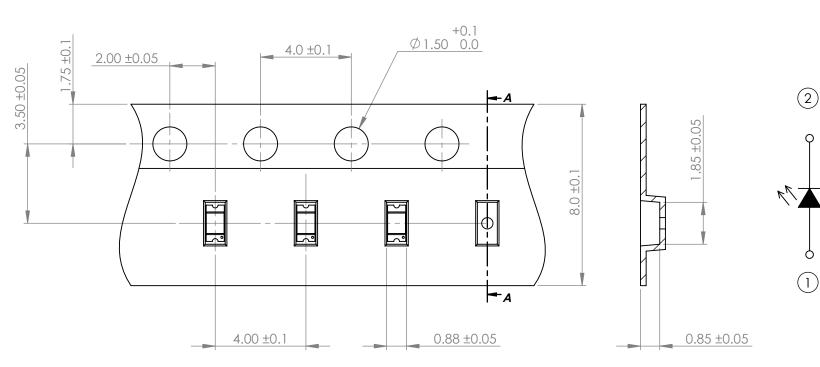
DRAWN BY: C.S. DATE: 2019.11.06 PAGE: 1 OF 2 CHKD BY: E.C. SCALE: NTF APRVD BY: G.Y. (Pb) UNIT: mm [INCH]

**PART NUMBER** SML-LX0603SRW-TR REV

## **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 ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION ARE: X=±0.05 (±0.002), X.XX=±0.127 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION ARE: X=±0.05 (±0.002), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), X.XX=±0.05 (±0.002), X.



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)\*0.6(H)mm, PCB CHIP, SURFACE MOUNT LED, 660nm RED LED, MILKY WHITE DIFFUSED LENS.

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	DATE: 2019.11.06	DRAWN BY: C.S.		
	PAGE: 2 OF 2	CHKD BY: E.C.		
IALL	SCALE: NTF	APRVD BY: G.Y.		
	UNIT: mm [INCH]	Po		

# **Mouser Electronics**

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