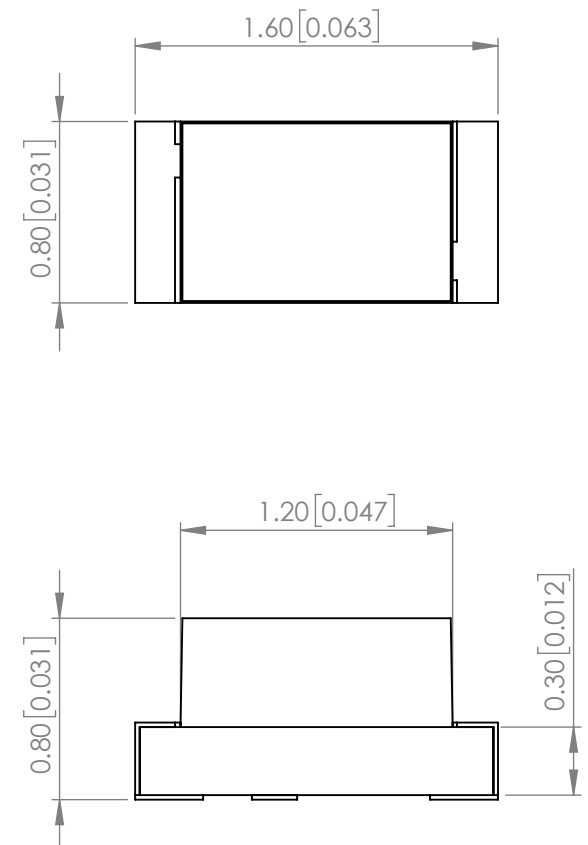
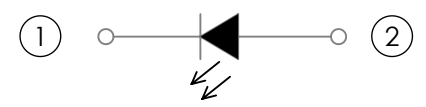


<b>PART NUMBER</b>		SML-LX0603UWD-TR	<b>REV</b>	D
<b>REV</b>	<b>E.C.N. NUMBER AND REVISION COMMENTS</b>			<b>DATE</b>
A	E.C.N. #11148			12.06.04
B	E.C.N. #11456.			12.03.07
C	E.C.N. #11551.			12.16.08
D	ECN-Lumex201800116			06.28.18

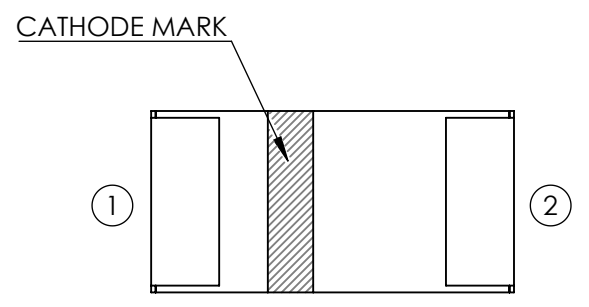


**POLARITY**

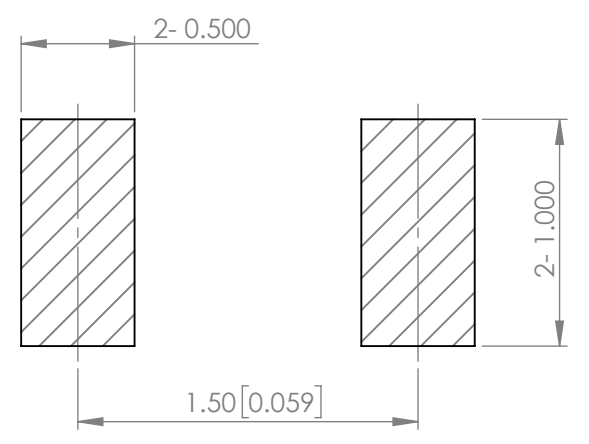


**ELECTRO-OPTICAL CHARACTERISTIC TA=25°C**

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
CHROMATICITY COORDINATES	-	0.3	-	-	If=20mA
	-	0.3	-	-	
FORWARD VOLTAGE	2.7	-	3.7	Vf	If=20mA
REVERSE CURRENT	-	-	50	uA	VR=5V
LUMINOUS INTENSITY	112	-	285	mcd	If=20mA
VIEWING ANGLE	-	110	-	2x theta1/2	-
EMITTED COLOR	WHITE				
EPOXY LENS FINISH	YELLOW DIFFUSED				



**RECOMMENDED SOLDER PAD LAYOUT**



**ABSOLUTE MAXIMUM RATINGS TA=25°C**

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
FORWARD CURRENT	20	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	75	mW
STORAGE TEMPERATURE	-40 TO +90	°C
OPERATING TEMPERATURE	-40 TO +85	°C

\*t<10us

**NOTE:**

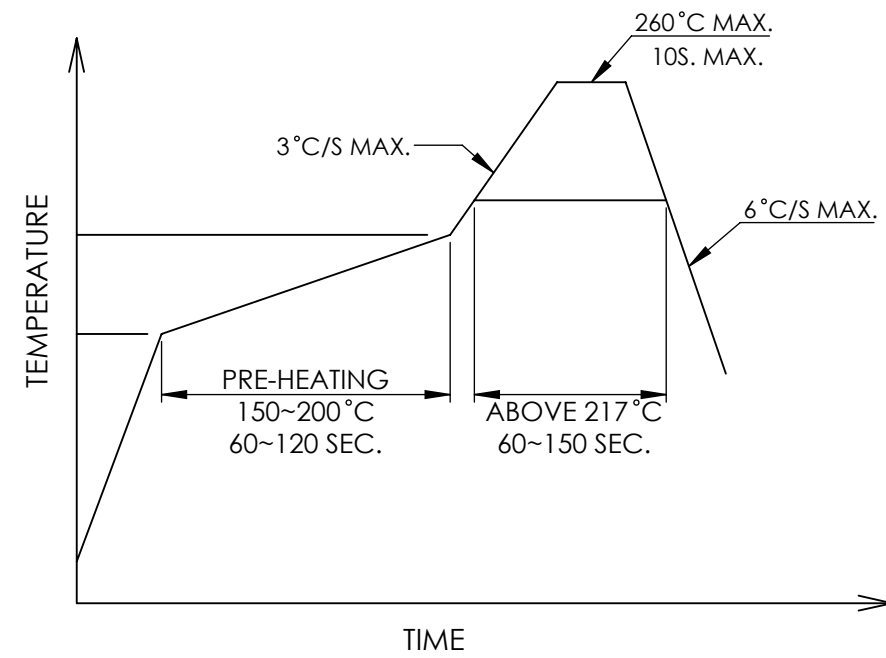
1. RoHS COMPLIANT.
2. COMPLIANCE WITH EU REACH.
3. COMPLIANCE HALOGEN FREE.  
(Br <900 ppm ,Cl <900 ppm , Br+Cl < 1500 ppm).
4. PACKAGE: 4000 PCS/REEL.

MOISTURE SENSITIVE DEVICE  
PER JEDEC LEVEL 3 STANDARDS

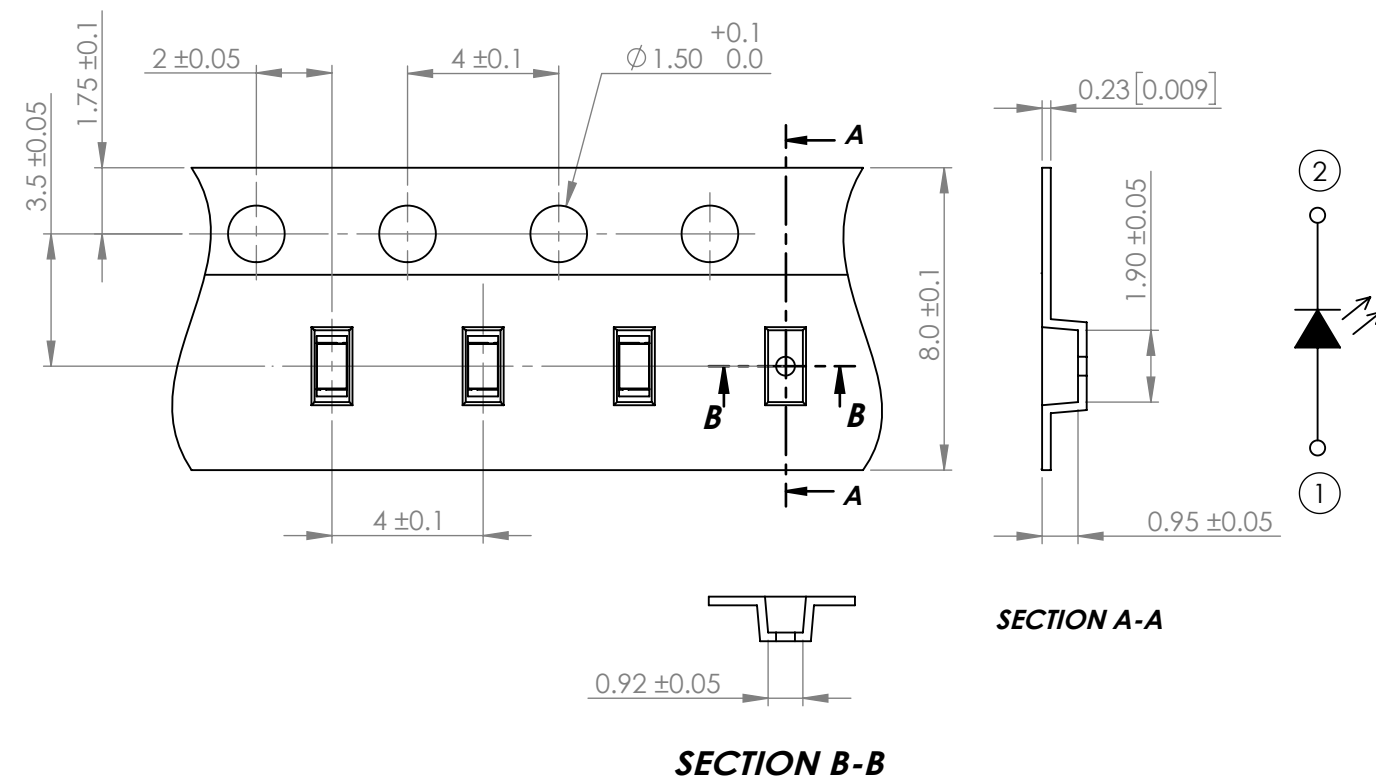
STATIC DEVICE FOLLOW PROPER  
E.S.D. HANDLING PROCEDURES  
WHEN WORKING WITH THIS PART

\*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= <sup>+DECIMAL PRECISION</sup>/<sub>-0.00</sub> MAX= <sup>+0.00</sup>/<sub>-DECIMAL PRECISION</sub>


**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=<sup>+DECIMAL PRECISION</sup>/<sub>-0.00</sub> MAX.=<sup>+0.00</sup>/<sub>-DECIMAL PRECISION</sub>

 <p>425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE : 800-278-5666 FAX : 630-315-2150 WEB : WWW.LUMEX.COM</p>	1.6(L)*0.8(W)*0.8(H)mm, PCB CHIP, SURFACE MOUNT LED, ULTRA WHITE LED, YELLOW DIFFUSED LENS.		DATE : 2018.06.28	DRAWN BY : E.C.	
	**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.**		PAGE : 2 OF 2	CHKD BY : E.C.	
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			UNIT : mm [INCH]		

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