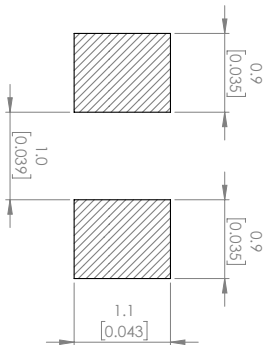
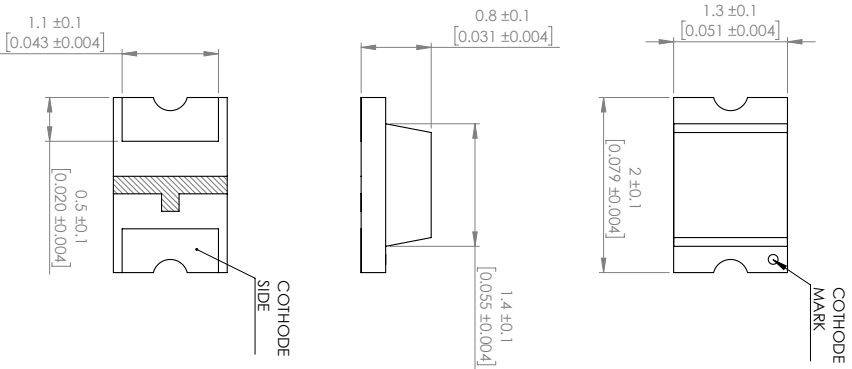
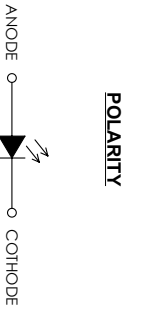


PART NUMBER	SML-LXT0805IW-TR	REV	G
REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N.#10867.	12.08.99	
B	E.C.N.#10895.	01.08.01	
C	E.C.N.#10814.	02.25.02	
D	E.C.N.#10967.	03.22.04	
E	E.C.N.#11148.	12.03.04	
F	E.C.N.#11508.	09.29.09	
G	E.C.N.Lumex201700020	06.02.17	



**RECOMMENDED SOLDER PAD LAYOUT**

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	640	-	nm	If=20mA
DOMINANT WAVELENGTH	-	628	-	nm	If=20mA
FORWARD VOLTAGE	-	2.1	2.6	Vf	If=20mA
REVERSE VOLTAGE	-	-	5	Vr	If=10μA
LUMINOUS INTENSITY	-	7.15	-	md	If=20mA
VIEWING ANGLE	-	130	-	2x theta1/2	-
EMITTED COLOR	RED				
EPOXY LENS FINISH	MILKY WHITE DIFFUSED				

**ABSOLUTE MAXIMUM RATINGS TA=25°C**

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	40	mA
FORWARD CURRENT	20	mA
POWER DISSIPATION	48	mW
STORAGE TEMPERATURE	-40 TO +100	°C
OPERATING TEMPERATURE	-40 TO +85	°C

\*t<10ms

CAUTION: MOISTURE SENSITIVE DEVICE  
PER JEDEC LEVEL 2a STANDARDS

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), X-X=±0.5 (±0.020), X-X-X=±0.25 (±0.010), X-X-X-X=±0.127 (±0.005), LEAD SIZE=±0.08 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN.= ±0.050 DECIMAL PRECISION, MAX.= ±0.050 DECIMAL PRECISION



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2(L)1\*1.3(W)1\*0.8(H)mm, SURFACE MOUNT TOP VIEW LED, GAASP RED, MILKY WHITE DIFFUSED, TAPE & REEL

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DATE : 2017/06/02	DRAWN BY : C.C.
PAGE : 1 OF 2	CHKD BY : G.Y.
SCALE : NTE	APPRD BY : R.G.
UNIT : mm (INCH)	

