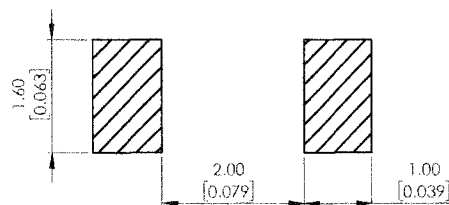


RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER	SML-LX1206SRW-TR	REV	J
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
07.08.00	E.C.N. #10644.	A	
12.03.01	E.C.N. #10614.	B	
03.14.03	E.C.N. #10967.	C	
12.09.03	E.C.N. #11065.	D	
01.20.05	E.C.N. #11148.	E	
01.20.05	E.C.N. #11148.	F	
03.08.09	E.C.N. #11508.	G	
08.02.10	E.C.N. #11644.	H	
04.20.11	E.C.N. #10BRDR.	I	
07.12.17	ECN-Lumex201700032	J	

ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	660	-	nm	If=20mA
FORWARD VOLTAGE	-	1.8	2.2	Vf	If=20mA
REVERSE VOLTAGE	-	-	5	Vr	Ir=10uA
LUMINOUS INTENSITY	-	15	-	mcd	If=20mA
VIEWING ANGLE	-	125	-	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<10us

CAUTION : MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2a 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.=^{+0.00}/_{-0.00} DECIMAL PRECISION MAX.=^{+0.00}/_{-0.00} DECIMAL PRECISION

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CAROL STREAM, IL 60188
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FAX : 630-315-2150
WEB : WWW.LUMEX.COM

1.6(L)*3.2(W)*1.1(H)mm, SURFACE MOUNT TOP VIEW LED, AlGaAs 660 RED, HIGH LUMINOUS INTENSITY, 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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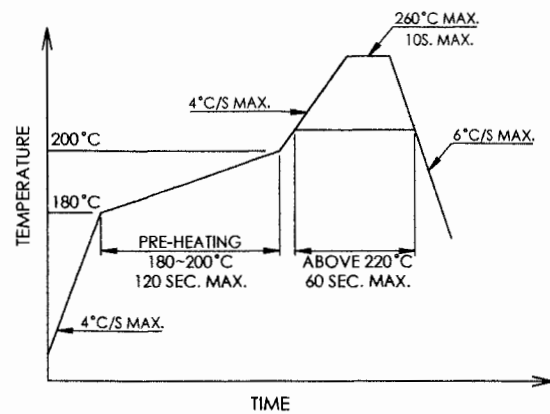
DATE : 2017.07.10 DRAWN BY : C.C.

PAGE : 1 OF 2 CHKD BY : G.Y.

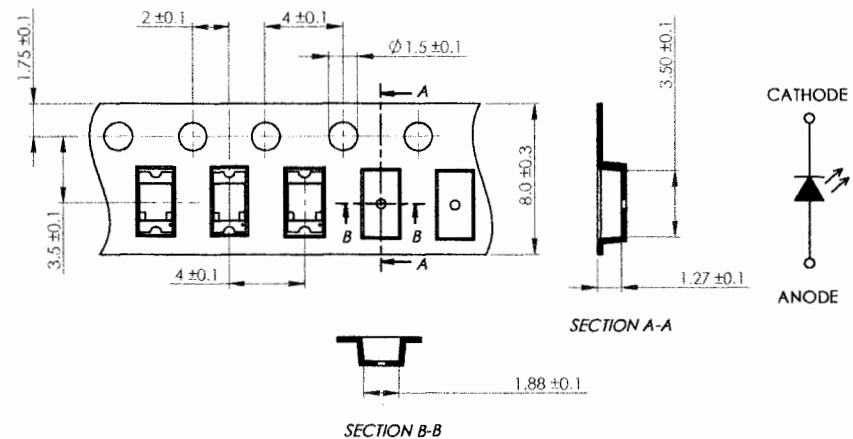
SCALE : NTF APRVD BY : R.C.

UNIT : mm [INCH]

PROFILE



CARRIER TAPE DIMENSION



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.036), 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.=^{+0.00}_{-0.00} DECIMAL PRECISION, MAX.=^{+0.00}_{-0.00} DECIMAL PRECISION

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1.8(L)*3.2(W)*1.1(H)mm, SURFACE MOUNT TOP VIEW LED, AIGaAs 660 RED, HIGH LUMINOUS INTENSITY, WATER CLEAR LENS, TAPE & REEL

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DRAWN BY : C.C.

PAGE : 2 OF 2

CHKD BY : G.Y.

SCALE : NTF

APRVD BY : R.C.

UNIT : mm [INCH]

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