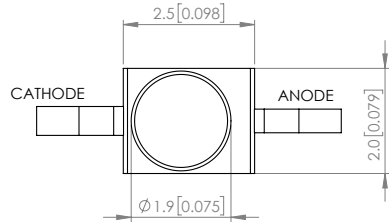
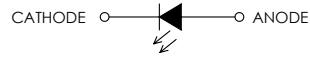


PART NUMBER		SSL-LXA228SUGCTR31	REV	C
REV	E.C.N. NUMBER AND REVISION COMMENTS		DATE	
A	E.C.N #11148.		11.15.06	
B	E.C.N #11508.		06.13.08	
C	ECN-Lumex201700060		09.20.17	



POLARITY



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	575	-	nm	If=20mA
FORWARD VOLTAGE	-	2.0	2.4	Vf	If=20mA
REVERSE VOLTAGE	-	-	5	Vr	Ir=10uA
LUMINOUS INTENSITY	-	200	-	mcd	If=20mA
VIEWING ANGLE	-	25	-	2x theta 1/2	-
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25°C

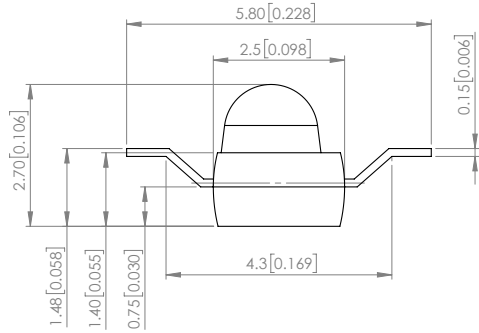
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
FORWARD CURRENT	25	mA
POWER DISIPATION	60	mW
ELECTROSTATIC DISCHARGE	1000	V
STORAGE TEMPERATURE	-40 TO +90	°C
OPERATING TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE**	3 SEC. MAX. @260	°C

*t<10us
** 2.0mm FROM BODY.

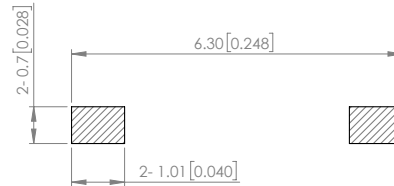
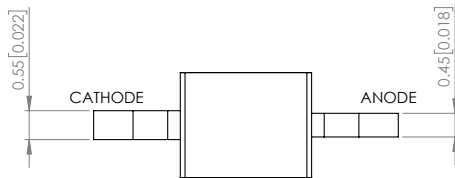
NOTE:

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

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 4 STANDARDS



RECOMMENDED SOLDER PAD LAYOUT



*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, MAX= ^{±0.001} DECIMAL PRECISION

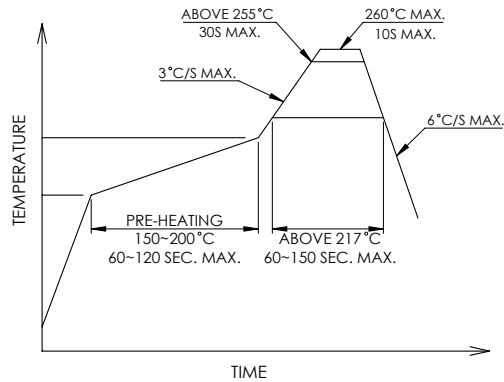


425 N. GARY AVE.
CAROL STREAM, IL 60188
PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM

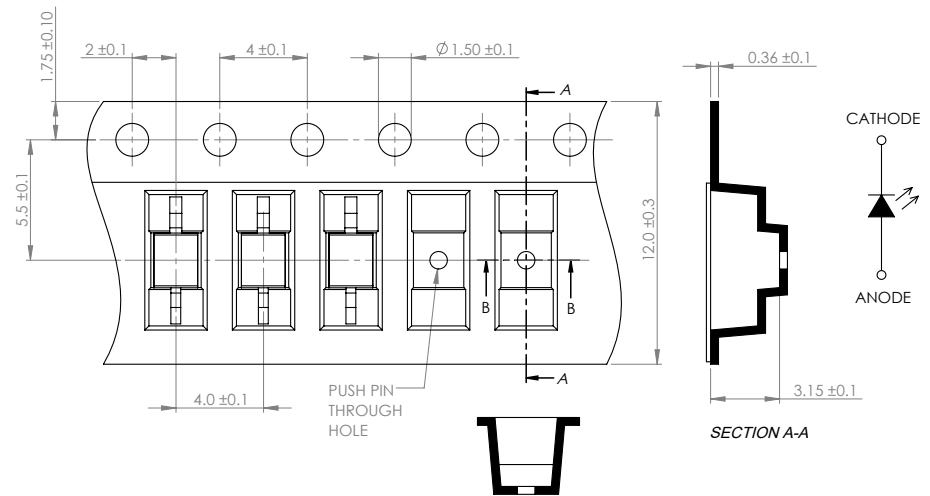
2(L)*5.8(W)*2.7(H)mm, AXIAL LED, AlGaInP 575nm GREEN, WATER CLEAR LENS, TAPE & REEL.
THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.
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DATE : 2017.09.20	DRAWN BY : C.C.
PAGE : 1 OF 2	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : E.C.
UNIT : mm [INCH]	

PROFILE



CARRIER TAPE DIMENSION



NOTE:
1. 1,000 PCS PER REEL.

*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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Mouser Electronics

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