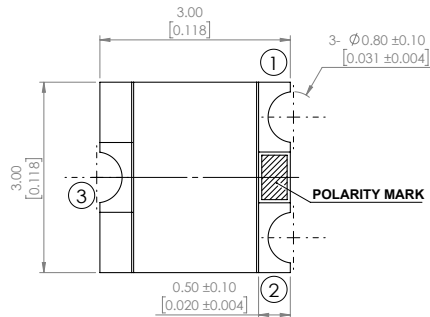
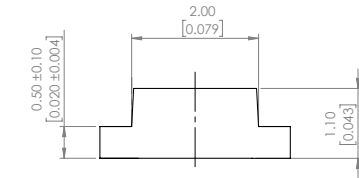
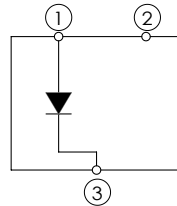
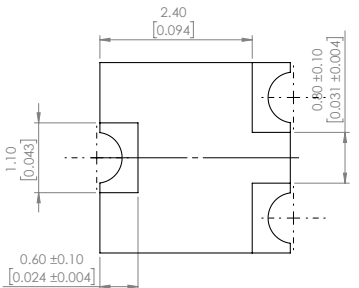
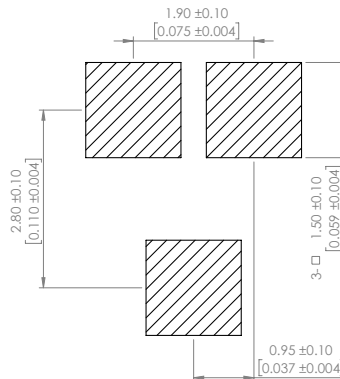




POLARITY



RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER		SML-LX15HC-RP-TR	REV	H
REV	E.C.N. NUMBER AND REVISION COMMENTS		DATE	
A	E.C.N. #10967.		3.14.03	
B	E.C.N. #11010.		7.03.03	
C	E.C.N. #11148.		11.30.05	
D	E.C.N. #11361.		11.28.06	
E	E.C.N. #11501		5.20.08	
F	E.C.N. #10BRD.		9.26.14	
G	E.C.N. #10BRD.		8.17.15	
H	ECN-Lumex201700124		12.13.17	

ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	700	-	nm	If=20mA
FORWARD VOLTAGE	-	2.0	2.5	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY*	-	5	-	mcd	If=20mA
VIEWING ANGLE	-	140	-	2x theta _{1/2}	-
EMITTED COLOR	RED				
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT**	125	mA
FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	75	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +80	°C
SOLERING TEMPERATURE	3 SECS MAX @ 260	°C

*Luminous intensity tolerance is ±10%.

**Duty 1/8 @ 1KHz

NOTE:

PACKAGE :3000 (MAX)PCS/REEL

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 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



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

SURFACE MOUNT LED, 700nm RED LED, REVERSE POLARITY, WATER CLEAR LENS, TAPE AND REEL.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE : 2017.12.13 DRAWN BY : K.Y.

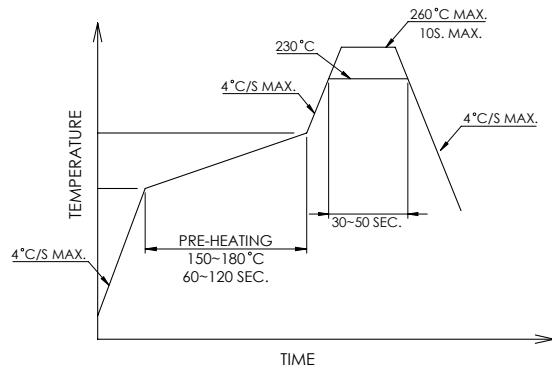
PAGE : 1 OF 2 CHKD BY : E.C.

SCALE : NTF APRVD BY : G.Y.

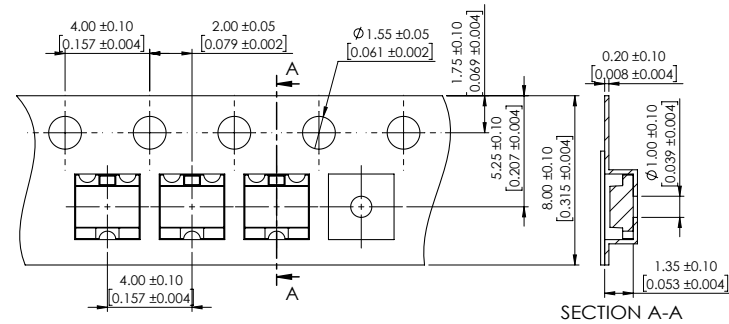
UNIT : mm [INCH]



PROFILE



CARRIER TAPE DIMENSION



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.030), 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 -0.00, MAX.=+0.00 -DECIMAL PRECISION



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PAGE : 2 OF 2 CHKD BY : E.C.

SCALE : NTF APRVD BY : G.Y.

UNIT : mm [INCH]

