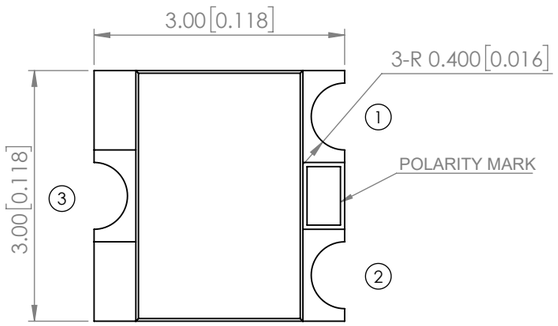
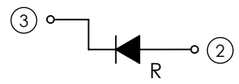
PART NUMBER	SML-LX15SRC-TR	REV	G

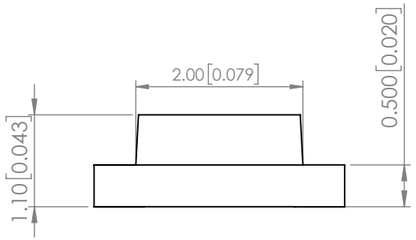
REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10967	3.14.03
B	E.C.N. #11010	7.3.03
C	E.C.N. #11148	11.30.05
D	E.C.N. #11361	11.28.06
E	E.C.N. #11501	05.22.08
F	E.C.N. #11860	05.08.20
G	ECN-Lumex202100043	09.13.21



POLARITY



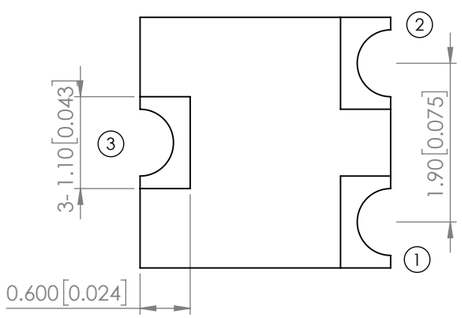
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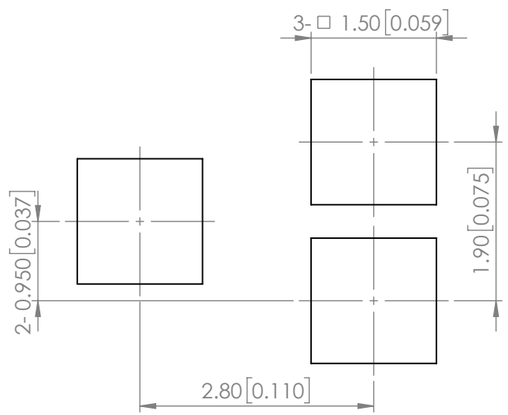


ELECTRO-OPTICAL CHARACTERISTIC TA=25℃

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	650	-	nm	If=20mA
FORWARD VOLTAGE	1.7	2.0	2.5	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	V_R=5V
LUMINOUS INTENSITY	-	45	-	mcd	If=20mA
VIEW ANGLE	-	140	-	2x $theta_{1/2}$	-
EMITTED COLOR	RED				
EPOXY LENS FINISH	WATER CLEAR				

RECOMMENDED SOLDER PAD LAYOUT





ABSOLUTE MAXIMUM RATINGS TA=25℃

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	125	mA
FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	75	mW
OPERATING TEMPERATURE	-40 TO +80	℃
STORAGE TEMPERATURE	-40 TO +85	℃

*1/8 duty f=1kHz

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= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

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PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM

SOT-23 REPLACEMENT, SURFACE MOUNT LED, 660nm SUPER RED LED, WATER CLEAR LENS, TAPE AND REEL

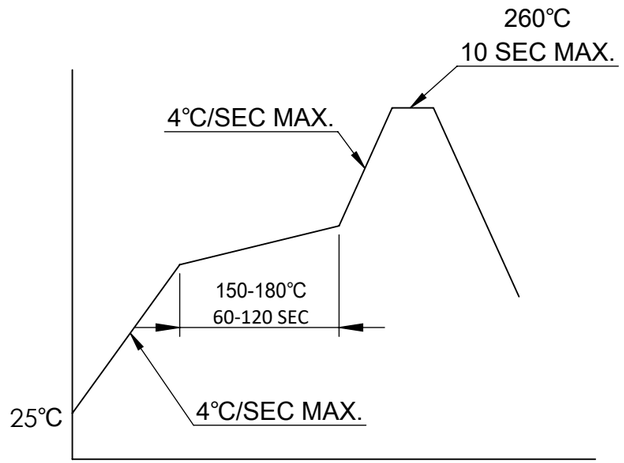
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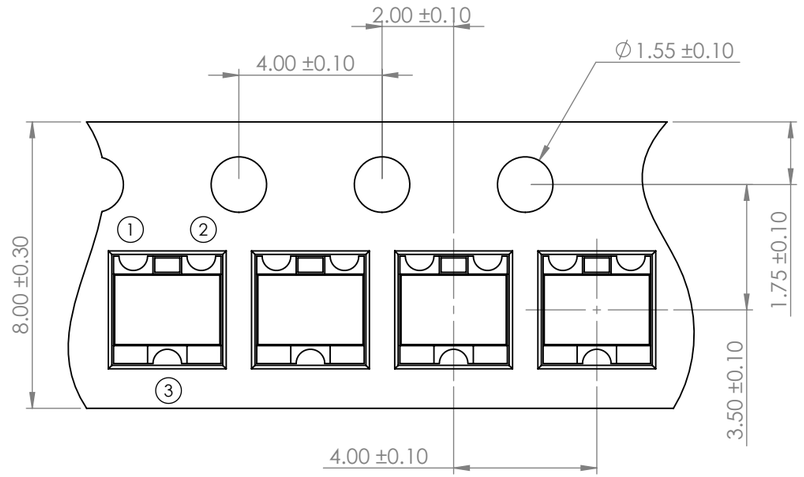
DATE : 2021.09.13	DRAWN BY : E.C.
PAGE : 1 OF 2	CHKD BY : E.C.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	Pb

PART NUMBER	SML-LX15SRC-TR	REV	G

PROFILE



CARRIER TAPE DIMENSION



TAPE FEED DIRECTION ⟶

NOTE :
1. PACKAGE : 3000pcs/REEL

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