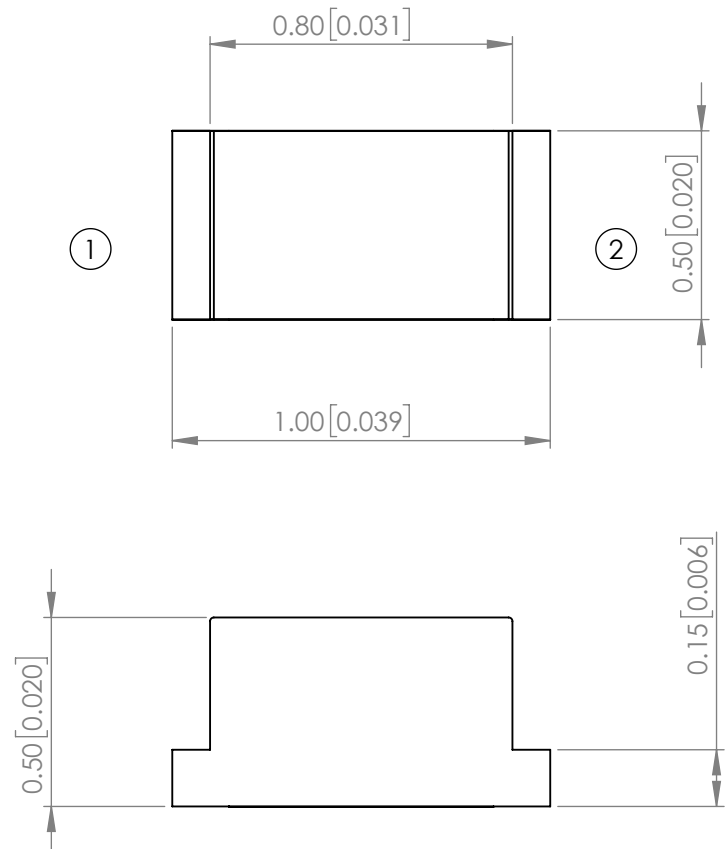
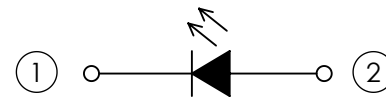


PART NUMBER		SML-LX0402SIC-TR	REV	G
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N #10873.			06.04.02
B	E.C.N #10967.			03.14.03
C	E.C.N #10983.			04.18.03
D	E.C.N #11148.			12.03.04
E	E.C.N #11341.			07.14.06
F	E.C.N #11508.			03.05.09
G	ECN-LUMEX201800180			11.22.18



POLARITY



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	645	-	nm	If=20mA
FORWARD VOLTAGE	-	1.95	2.5	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	Vr=5V
LUMINOUS INTENSITY	-	70	-	mcd	If=20mA
VIEWING ANGLE	-	120	-	2x theta1/2	-
EMITTED COLOR	RED				
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	185	mA
FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	75	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C

*t<10us

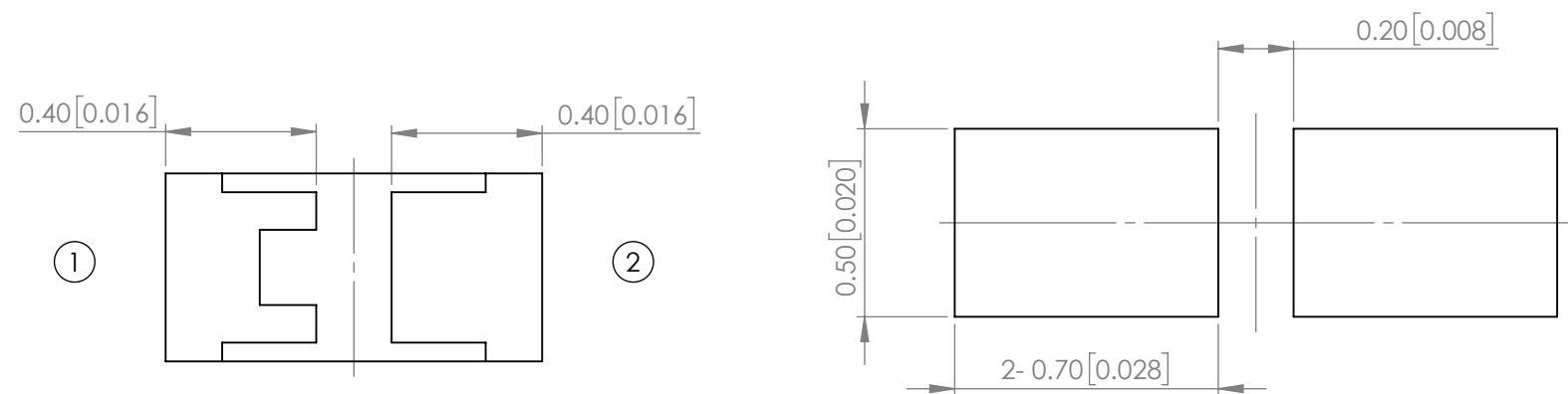
NOTES:

1. PARTS PACKAGED IN CONDUCTIVE COVER AND CARRIER TAPE.
2. THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

STATIC DEVICE FOLLOW PROPER
E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART

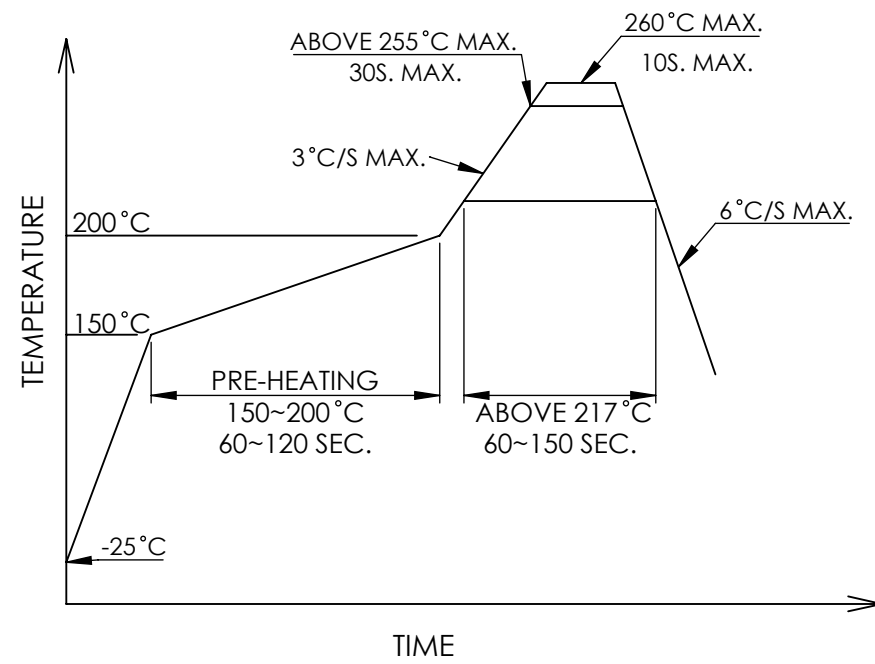
RECOMMENDED SOLDER PAD LAYOUT



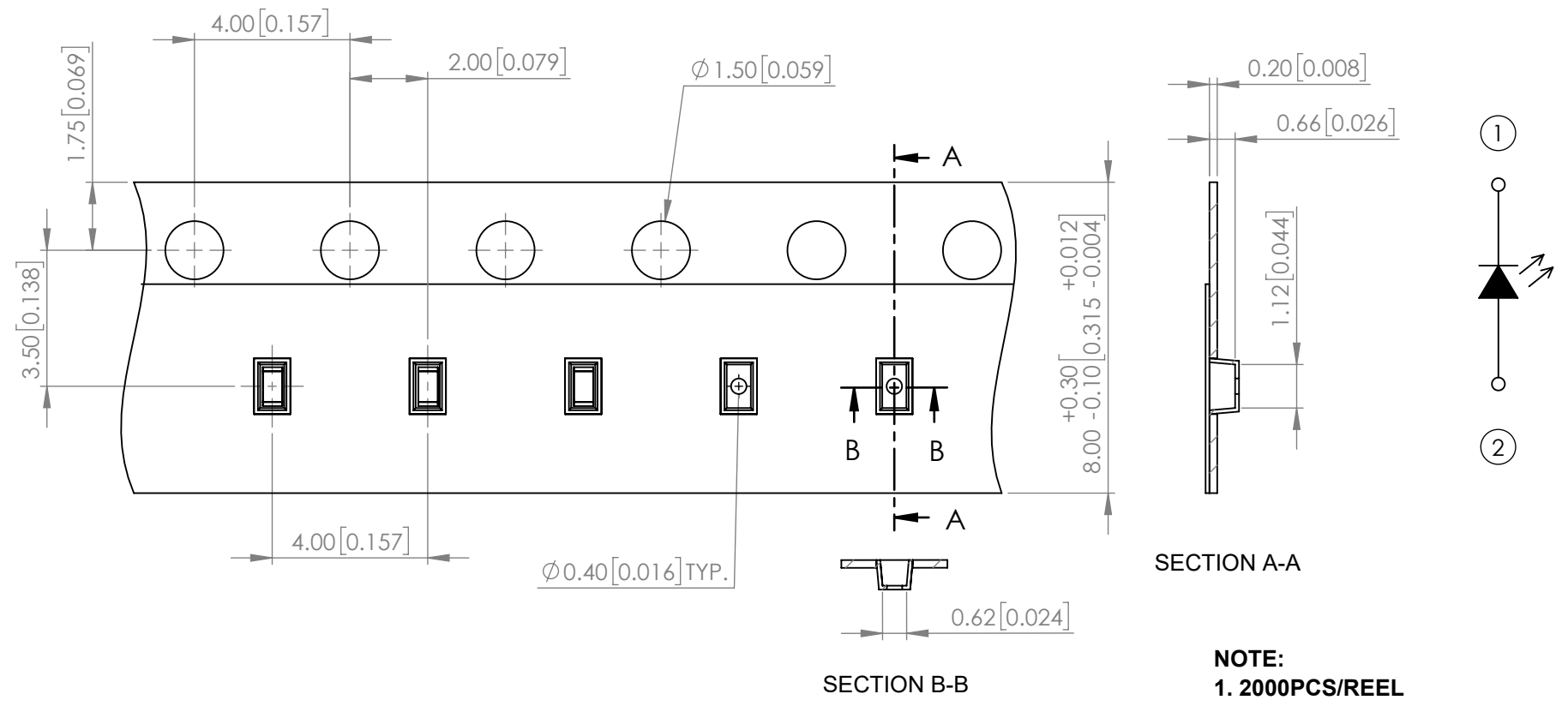
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ^{+DECIMAL PRECISION} / _{-0.00} MAX= ^{+0.00} / _{-DECIMAL PRECISION}

<p>425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE : 800-278-5666 FAX : 630-315-2150 WEB : WWW.LUMEX.COM</p>	1.0(L) x 0.5(W) x 0.5(H) mm SURFACE MOUNT LED, 645NM AlGaInP RED LED, WATER CLEAR LENS, TAPE AND REEL.	DATE : 2018.11.22	DRAWN BY : C.S.	
	THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.	PAGE : 1 OF 2	CHKD BY : E.C.	
	CONFIDENTIAL INFORMATION	SCALE : NTF	APRVD BY : G.Y.	
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PROFILE



CARRIER TAPE DIMENSION



NOTE:
1. 2000PCS/REEL

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