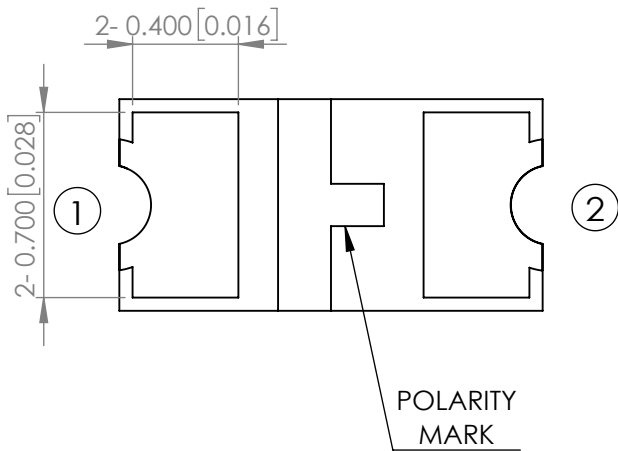
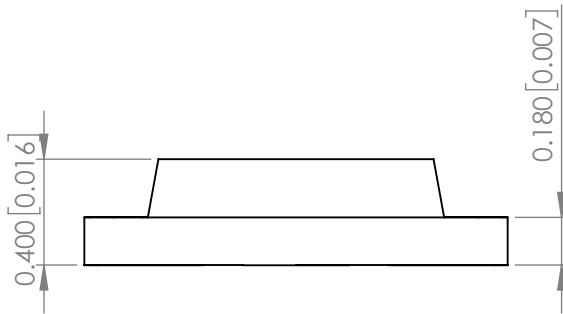
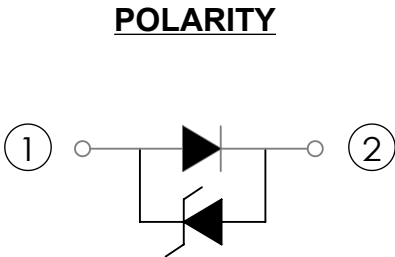
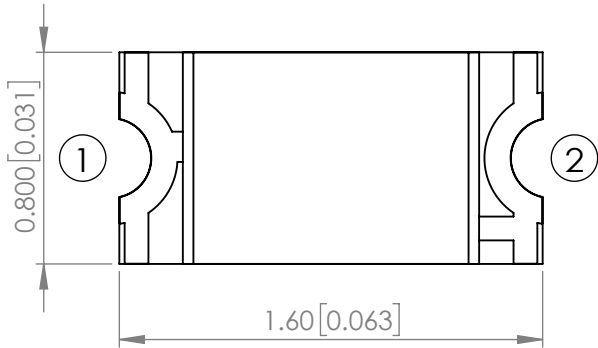
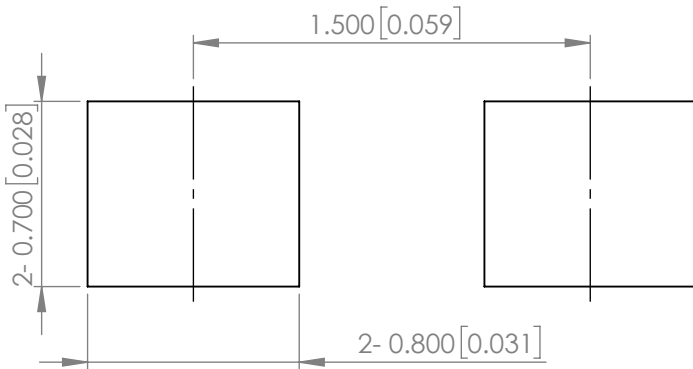


PART NUMBER		SML-LXT0603CWCHTR5	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex202500031			05.20.25



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
CHROMATICITY COORDINATE	X	-	0.290	-	-	If=5mA
	Y	-	0.282	-	-	
FORWARD VOLTAGE		-	2.70	3.15	Vf	If=5mA
REVERSE CURRENT		-	-	10	uA	VR=5V
LUMINOUS INTENSITY		-	360	-	mcd	If=5mA
VIEWING ANGLE		-	120	-	2x theta1/2	-
EMITTED COLOR	WHITE					
EPOXY LENS FINISH	WATER CLEAR					

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	80	mA
FORWARD CURRENT	20	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	63	mW
STORAGE TEMPERATURE	-40 TO +105	°C
OPERATING TEMPERATURE	-40 TO +105	°C

*1/10 Duty Cycle, 0.1ms Pulse Width.

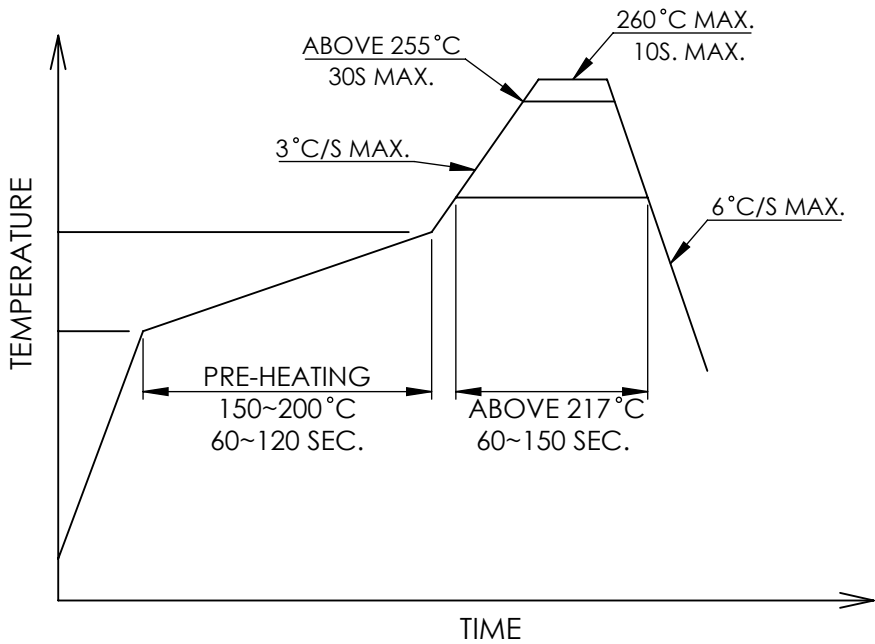
MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2a STANDARDS

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

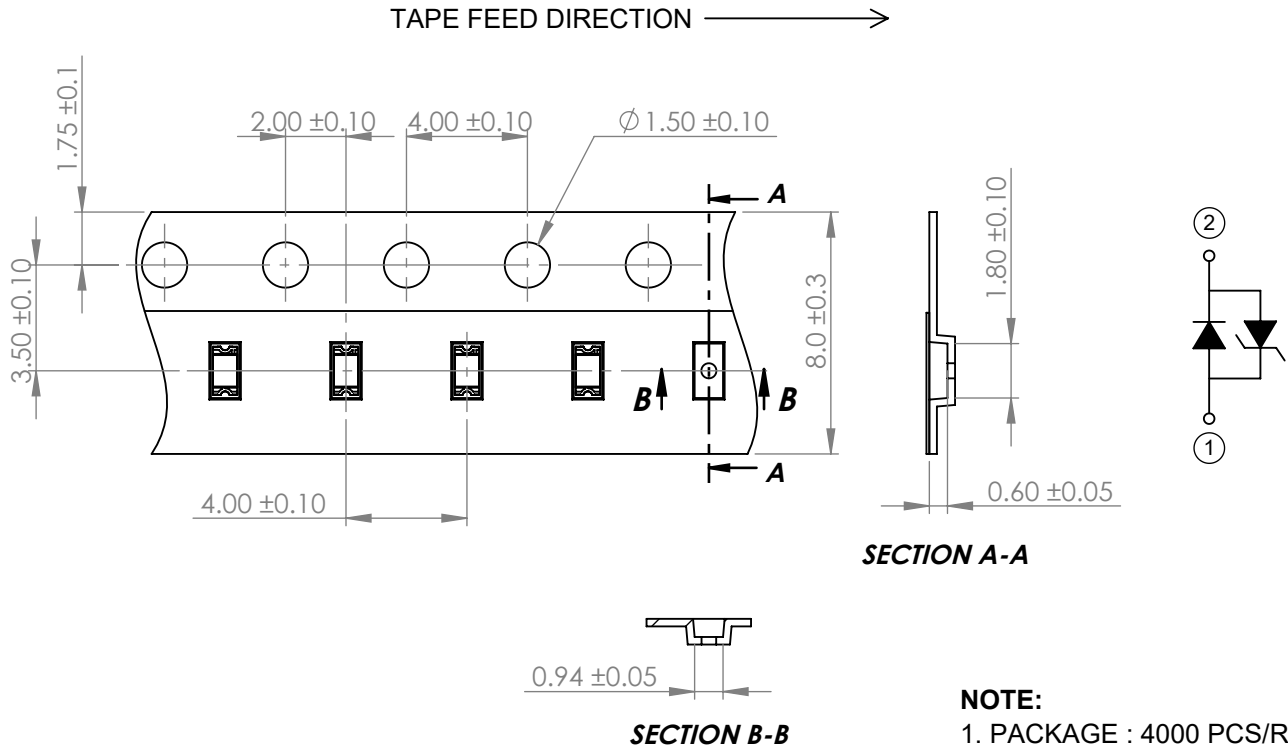
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ^{+DECIMAL PRECISION}/_{-0.00} MAX.= ^{+0.00}/_{-DECIMAL PRECISION}

	425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE : 800-278-5666 FAX : 630-315-2150 WEB : WWW.LUMEX.COM	1.6(L)*0.8(W)*0.40(H)mm, ULTRA THIN SURFACE MOUNT LED, WHITE COLOR LED, WATER CLEAR LENS, HIGH OP. TEMPERATURE, TAPE & REEL.	DATE : 2025.05.20	DRAWN BY : E.C.
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.	PAGE : 1 OF 2	CHKD BY : T.S.
		CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	SCALE : NTF	APRVD BY : G.Y.
			UNIT : mm [INCH]	

PROFILE



CARRIER TAPE DIMENSION



*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}



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1.6(L)*0.8(W)*0.40(H)mm, ULTRA THIN SURFACE MOUNT LED, WHITE COLOR LED, WATER CLEAR LENS, HIGH OP. TEMPERATURE, TAPE & REEL.

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DRAWN BY : E.C.

PAGE : 2 OF 2

CHKD BY : T.S.

SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]

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