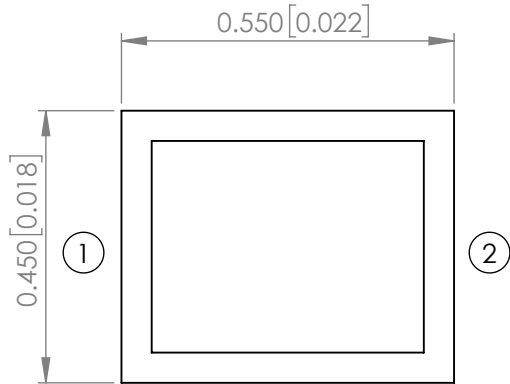
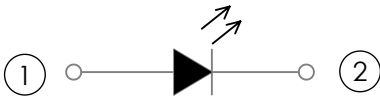


PART NUMBER		SML-LXFC0504NWC-TR	REV	A
REV	E.C.N NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex202400018			05.08.24

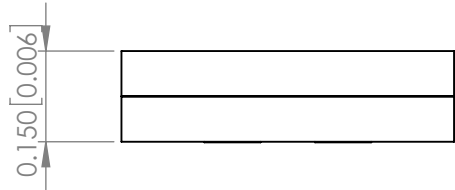


POLARITY

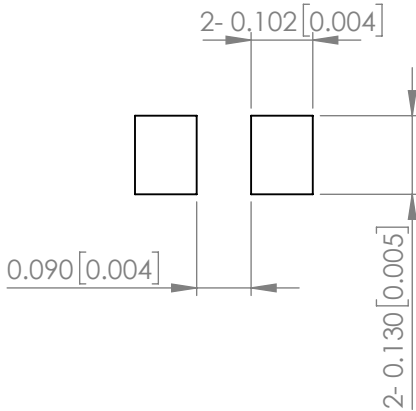
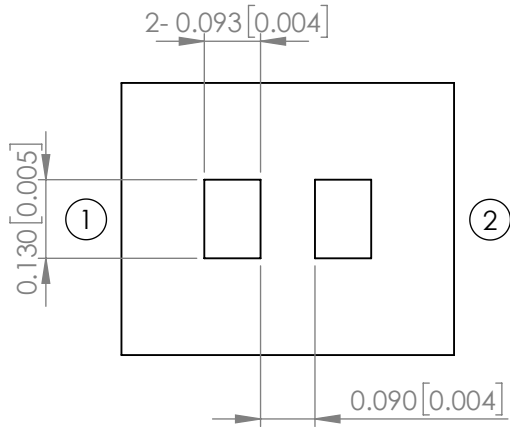


ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
CHROMATICITY COORDINATE	-	0.360	-	--	If=5mA
	-	0.380	-	--	
FORWARD VOLTAGE	-	2.7	3.0	Vf	If=5mA
LUMINOUS INTENSITY	-	350	-	mcd	If=5mA
VIEWING ANGLE	-	120	-	2x theta1/2	-
EMITTED COLOR	WHITE				
EPOXY LENS FINISH	WATER CLEAR				



RECOMMENDED SOLDER PAD LAYOUT



ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	40	mA
FORWARD CURRENT	20	mA
POWER DISSIPATION	65	mW
STORAGE TEMPERATURE	-40 TO +90	°C
OPERATING TEMPERATURE	-40 TO +85	°C

*Duty 1/10 @1KHz

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 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

0.55(L)*0.45(W)*0.15(H)mm, SURFACE MOUNT TOP VIEW, WHITE COLOR, WATER CLEAR LENS, FLIP CHIP TYPE.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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DATE : 2024.05.08

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PAGE : 1 OF 2

CHKD BY : T.S.

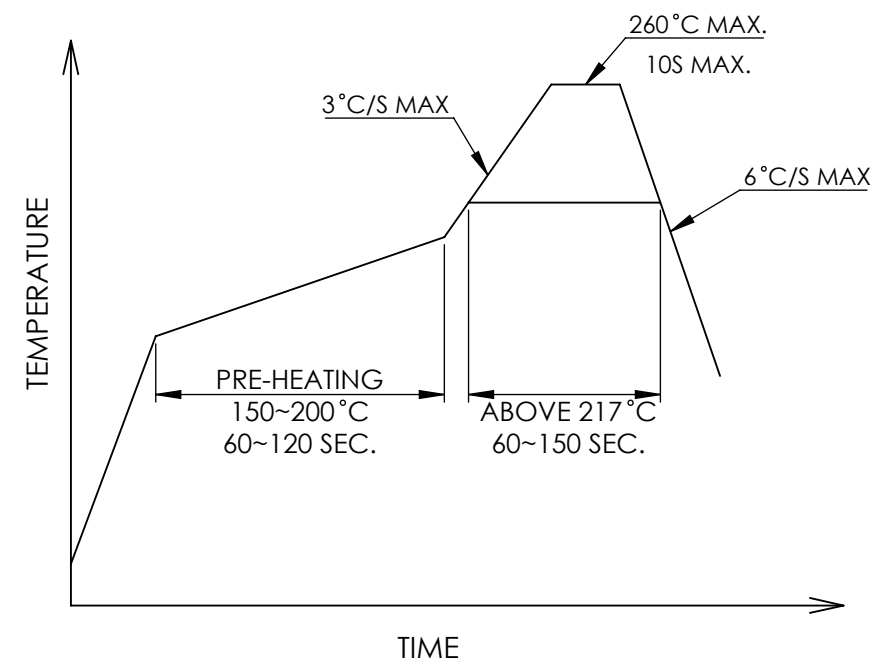
SCALE : NTF

APRVD BY : G.Y.

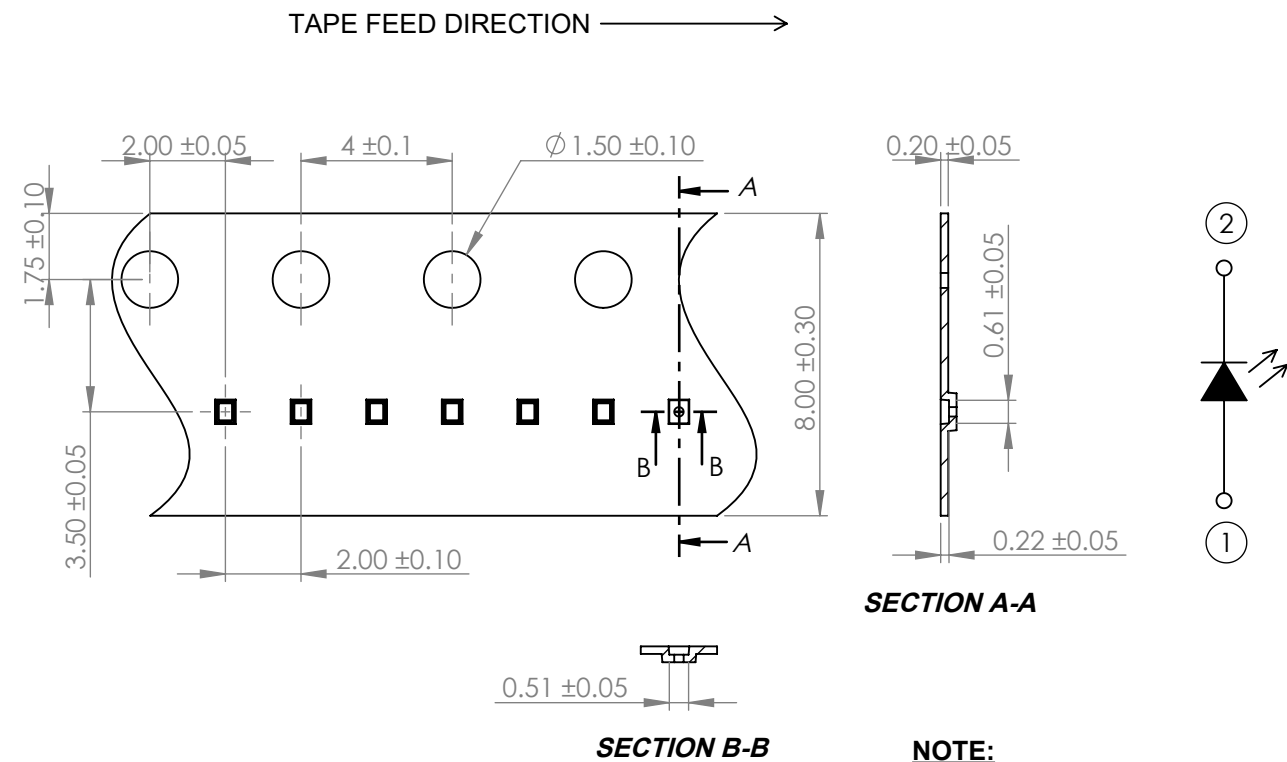
UNIT : mm [INCH]



PROFILE



CARRIER TAPE DIMENSION



NOTE:

1. PACKAGE: 3000 PCS/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= ^{+DECIMAL PRECISION}_{-0.00} MAX.= ^{+0.00}_{-DECIMAL PRECISION}



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SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]

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