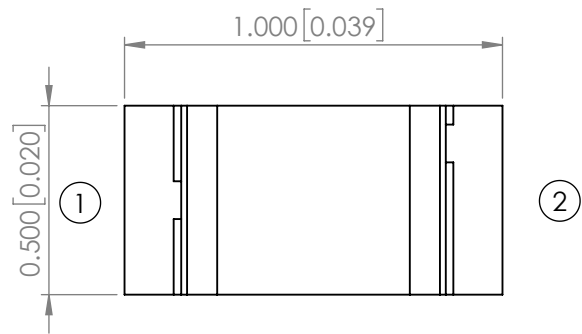
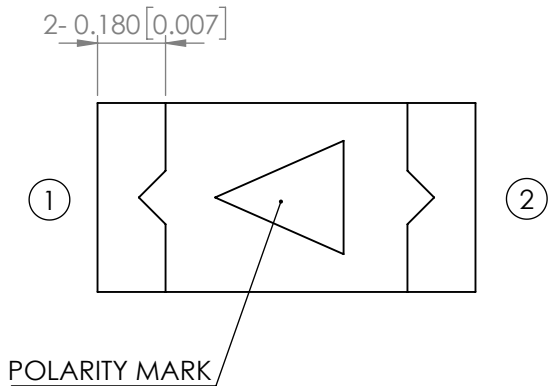
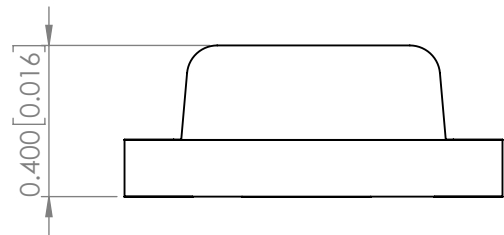


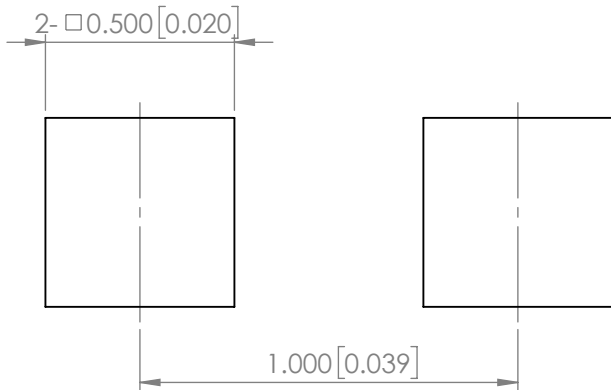
PART NUMBER		SML-LXFT0402NWC-FC	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex202000052			07.03.20



POLARITY



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
CHROMATICITY COORDINATE	X	0.226	-	0.262	-	If=20mA
	Y	0.198	-	0.259		
FORWARD VOLTAGE		2.4	-	3.2	Vf	If=20mA
REVERSE CURRENT		-	-	10	uA	VR=5V
LUMINOUS INTENSITY		-	1100	-	mcd	If=20mA
VIEWING ANGLE		-	140	-	2x theta1/2	-
EMITTED COLOR		WHITE				
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	96	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C

*1/8 Duty Cycle, 0.1ms Pulse Width

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= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION



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

1.0(L)*0.5(W)*0.4(H)mm, SURFACE MOUNT TOP VIEW, FLAT SOLDER TERMIANLS, UILTRA THIN PCB, WHITE COLOR, FILP-CHIP LED

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

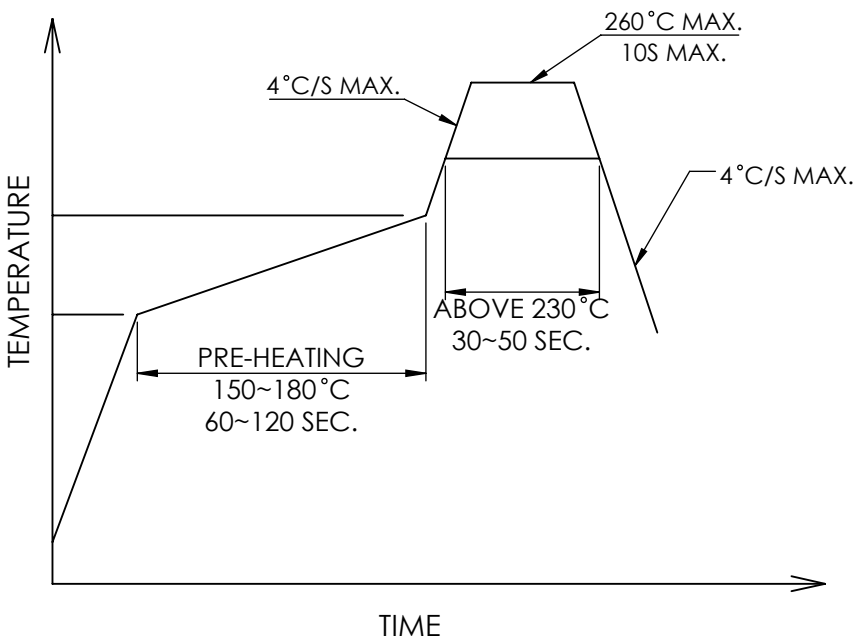
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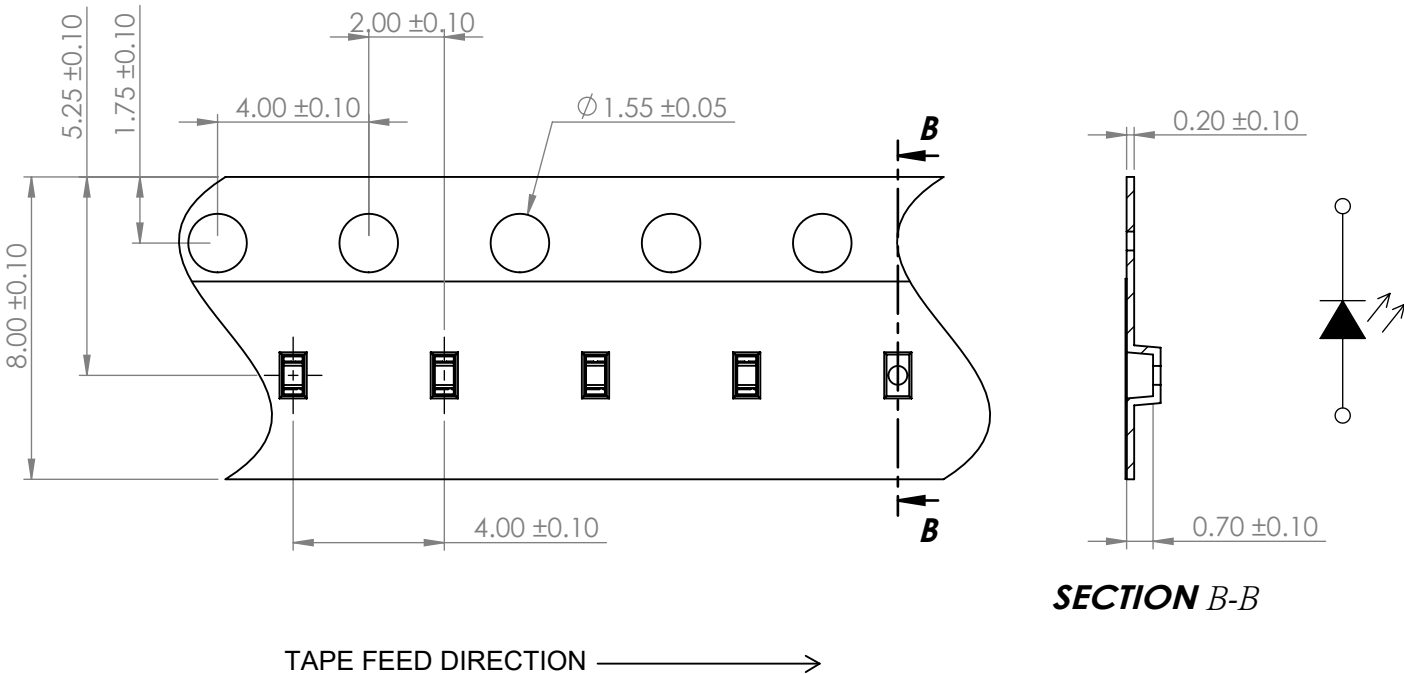
DATE : 2020.06.12
PAGE : 1 OF 2
SCALE : NTF
UNIT : mm [INCH]

DRAWN BY : E.C.
CHKD BY : E.C.
APRVD BY : Y.G.
Ⓢ

PROFILE



CARRIER TAPE DIMENSION



NOTE:
1. 5000 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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PAGE : 2 OF 2

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APRVD BY : Y.G.

UNIT : mm [INCH]

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