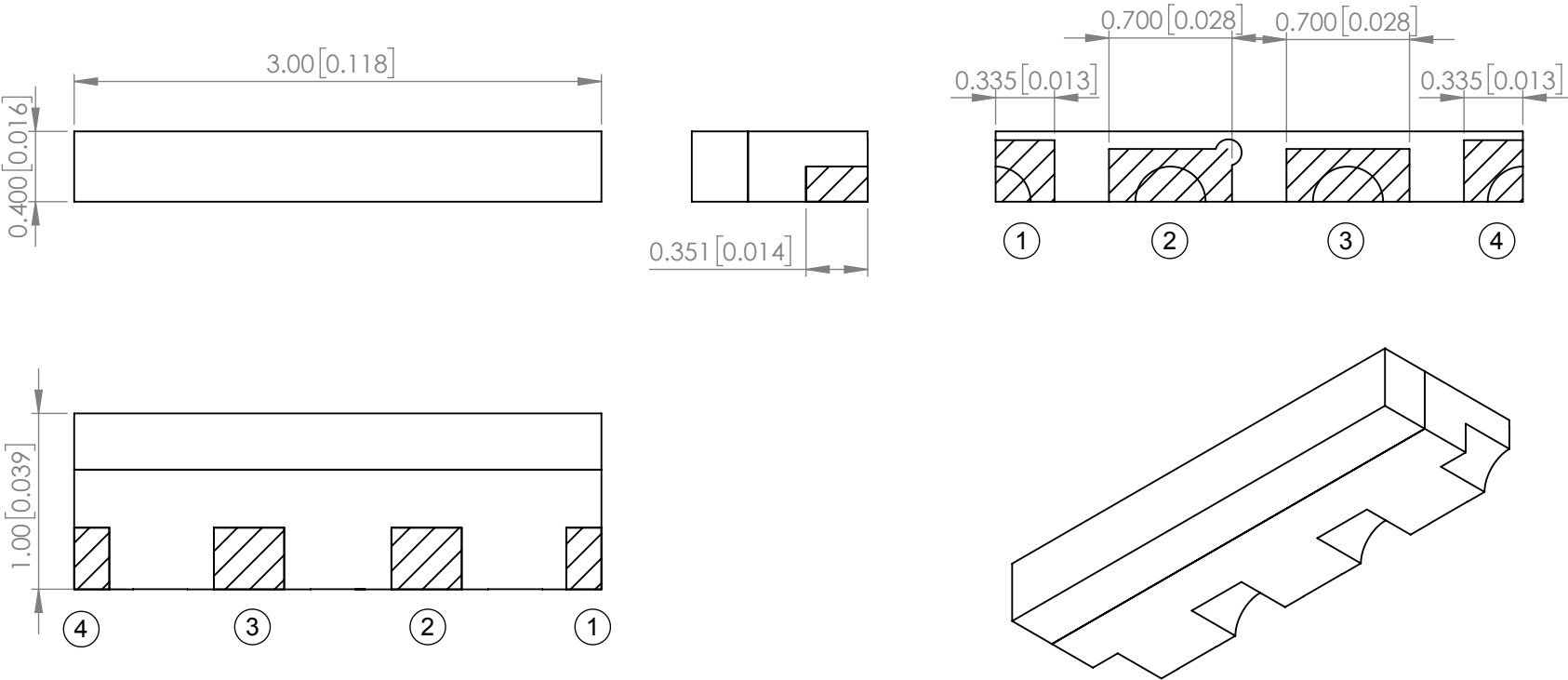


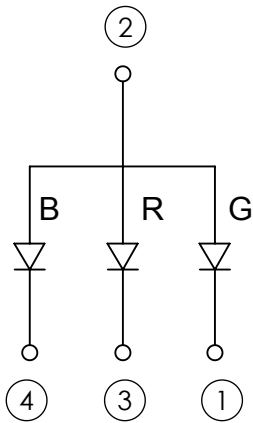
PART NUMBER		SML-LXR1201RGB-TR	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex202000013			02.11.20



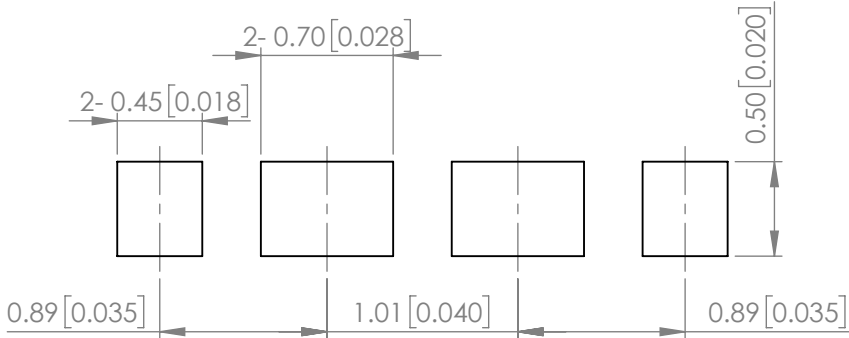
ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	R	-	630	-	nm	If=5mA
	G	-	520	-		
	B	-	470	-		
FORWARD VOLTAGE	R	-	2.0	2.4	Vf	If=5mA
	G	-	2.8	3.2		
	B	-	2.8	3.2		
REVERSE CURRENT	R	-	-	10	uA	VR=5V
	G	-	-	50		
	B	-	-	50		
LUMINOUS INTENSITY	R	-	115	-	mcd	If=5mA
	G	-	225	-		
	B	-	90	-		
VIEWING ANGLE		-	120	-	2x theta1/2	-
EMITTED COLOR		RED / GREEN / BLUE				
EPOXY LENS FINISH		WATER CLEAR				

POLARITY



RECOMMENDED SOLDER PAD LAYOUT



ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT(R/G/B)*	60 / 100 / 100	mA
FORWARD CURRENT(R/G/B)	25 / 25 / 25	mA
REVERSE VOLTAGE(R/G/B)	5 / 5 / 5	V
POWER DISSIPATION(R/G/B)	60 / 95 / 95	mW
STORAGE TEMPERATURE	-40 TO +90	°C
OPERATING TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE	3 SEC. MAX @ 260	°C

*t<10us

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 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}



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

3.0(L)*1.0(D)*0.4(H)mm, PCB SURFACE MOUNT SIDE VIEW LED, 630nm RED/520 GREEN/470 BLUE, WATER CLEAR LENS, TAPE & REEL.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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PAGE : 1 OF 2

CHKD BY : E.C.

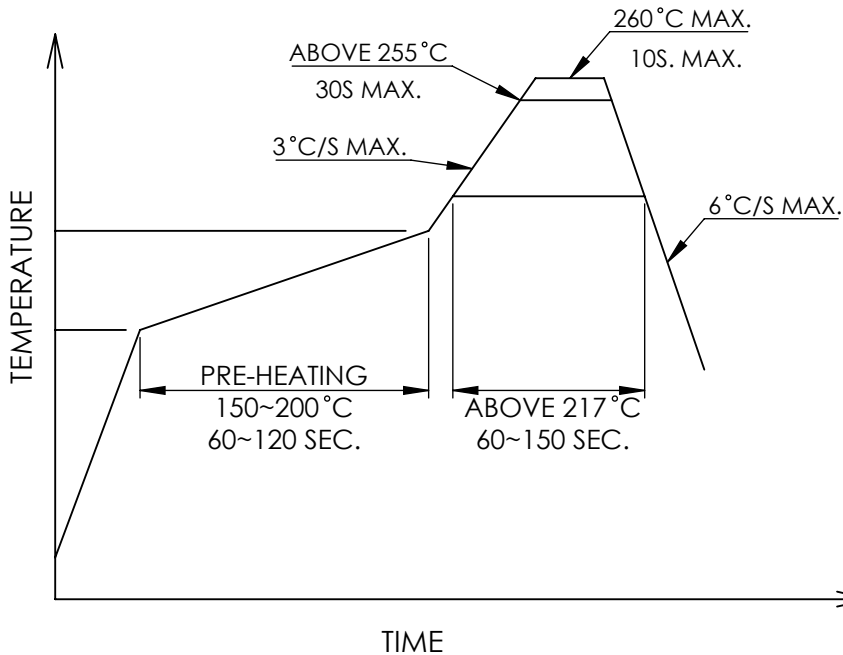
SCALE : NTF

APRVD BY : G.Y

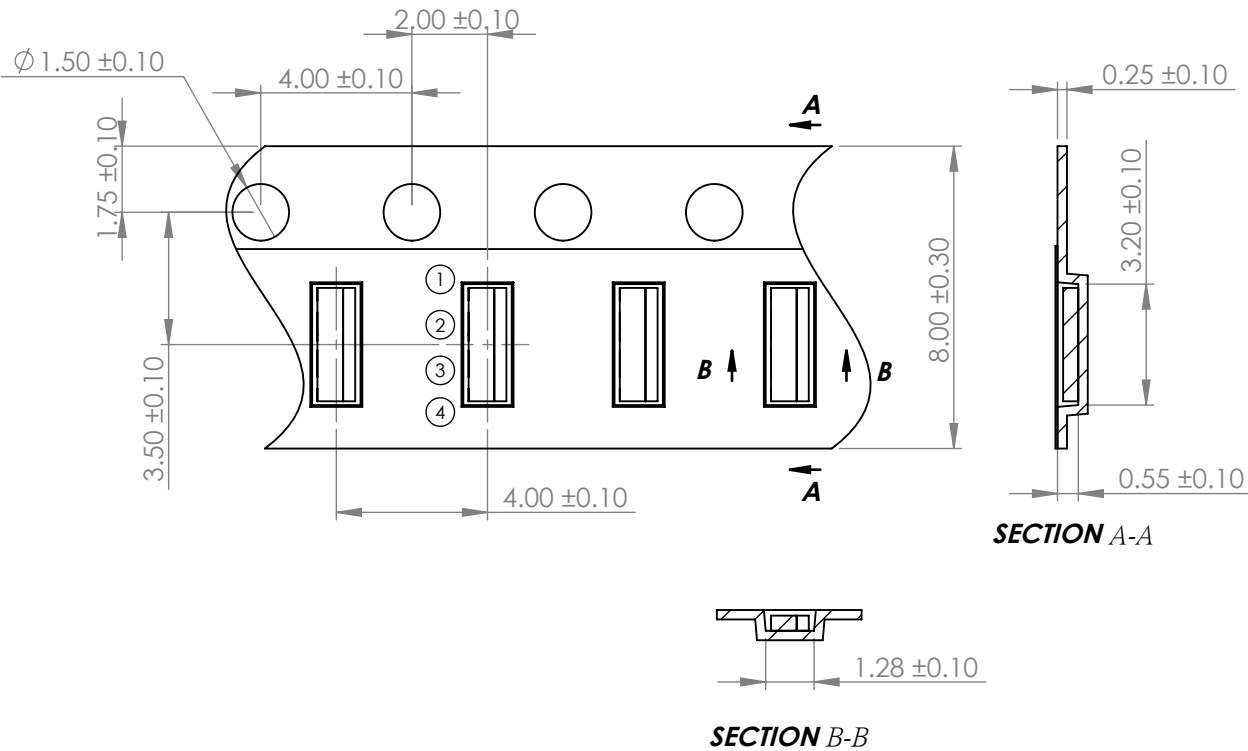
UNIT : mm [INCH]

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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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SCALE : NTF

APRVD BY : G.Y

UNIT : mm [INCH]

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