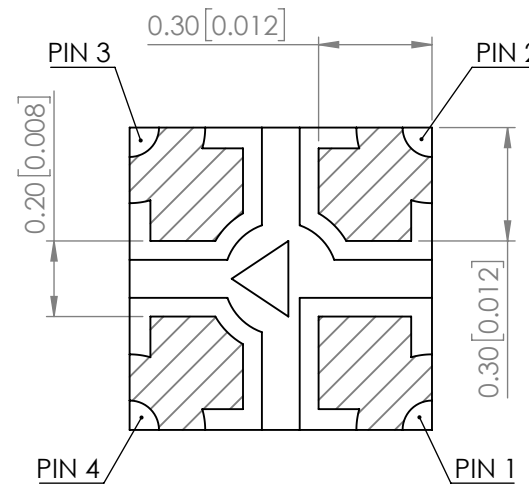
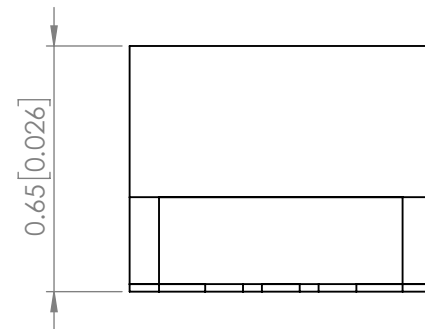
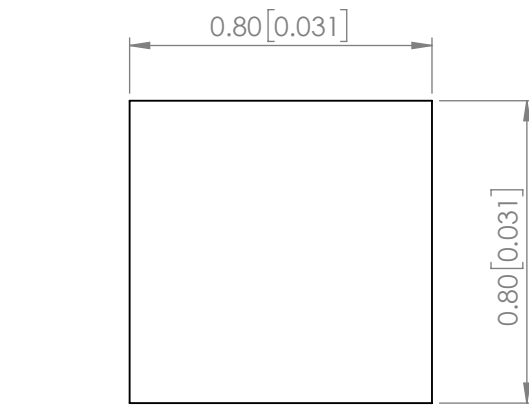
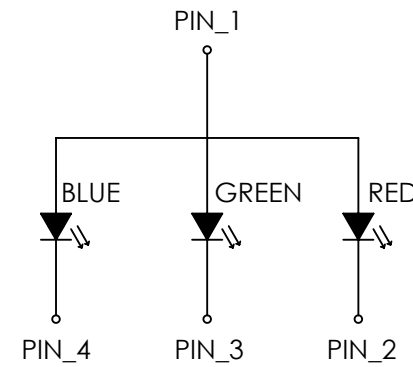


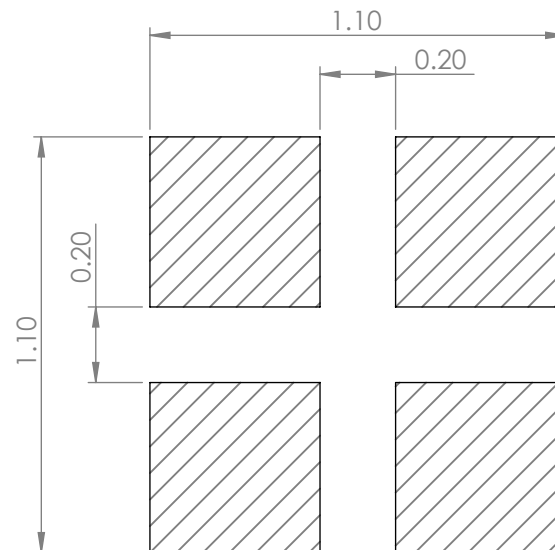
PART NUMBER	SML-LX0303SIUPGUSB	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	ECN-Lumex201800052	04.02.18	



POLARITY



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	R	-	625	-	nm	If=3mA
	G	-	525	-		If=5mA
	B	-	465	-		If=5mA
FORWARD VOLTAGE	R	-	2.0	2.4	Vf	If=3mA
	G	-	2.9	3.2		If=5mA
	B	-	2.9	3.2		If=5mA
REVERSE CURRENT		-	-	10	uA	VR=5V
LUMINOUS INTENSITY	R	12	-	20	mcd	If=3mA
	G	61	-	104		If=5mA
	B	9	-	25		If=5mA
VIEWING ANGLE		-	120	-	2x theta1/2	-
EMITTED COLOR		R/G/B				
EPOXY LENS FINISH		CLEAR LENS (TINTED) WITH TEXTURED FINISH TOP				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT (R/G/B)*	20 / 20 / 20	mA
FORWARD CURRENT (R/G/B)	10 / 10 / 10	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION (R/G/B)	24 / 31 / 31	mW
STORAGE TEMPERATURE	-40 TO +90	°C
OPERATING TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE	3 SEC. MAX @ 260	°C

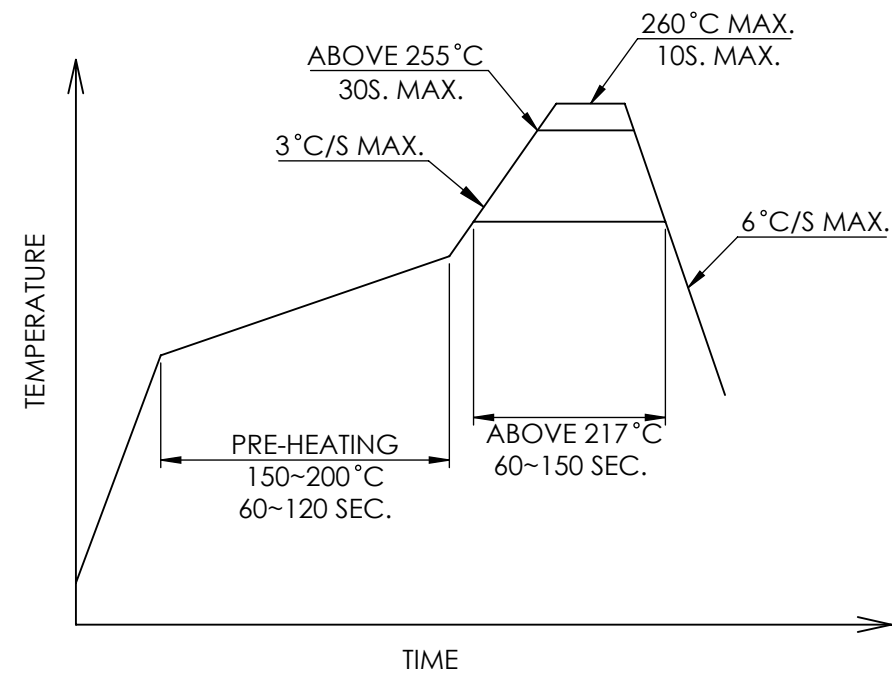
*t<10us

NOTE:

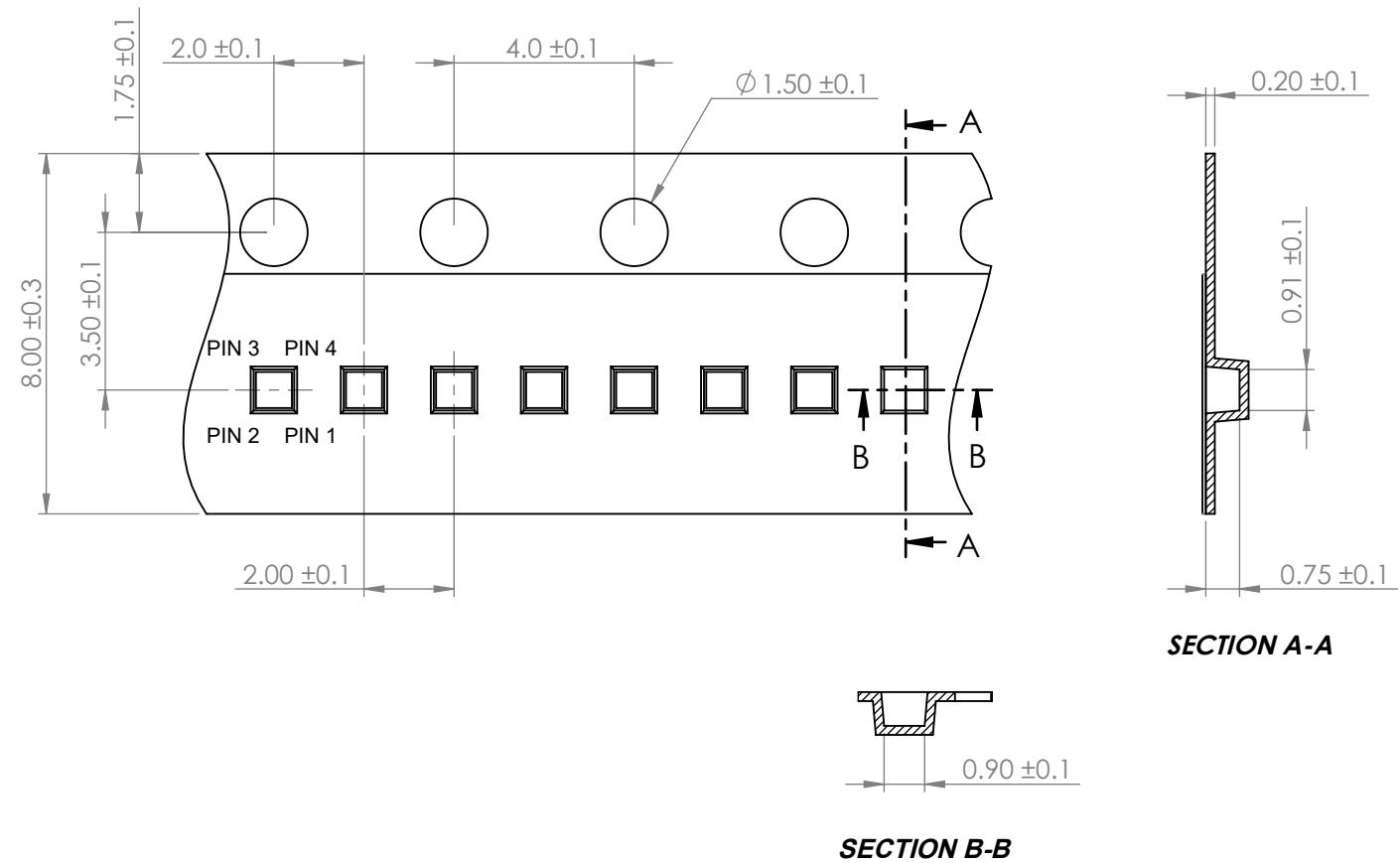
1. RoHS COMPLIANT.
2. COMPLIANCE WITH EU REACH.
3. COMPLIANCE HALOGEN FREE .
(Br <900 ppm ,Cl <900 ppm , Br+Cl < 1500 ppm).

*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}


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}

 <p>425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE : 800-278-5666 FAX : 630-315-2150 WEB : WWW.LUMEX.COM</p>	0.8(L)*0.8(W)*0.65(H)mm,SURFACE MOUNT LED,AIGaInp RED / InGaN GREEN / InGaN BLUE LED,CLEAR LENS (TINTED) WITH TEXTURED FINISH TOP,COMMON ANODE,TAPE & REEL	DATE : 2018.04.02	DRAWN BY : C.C.	
	THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.	PAGE : 2 OF 2	CHKD BY : E.C.	
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		UNIT : mm [INCH]	(Pb)	

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