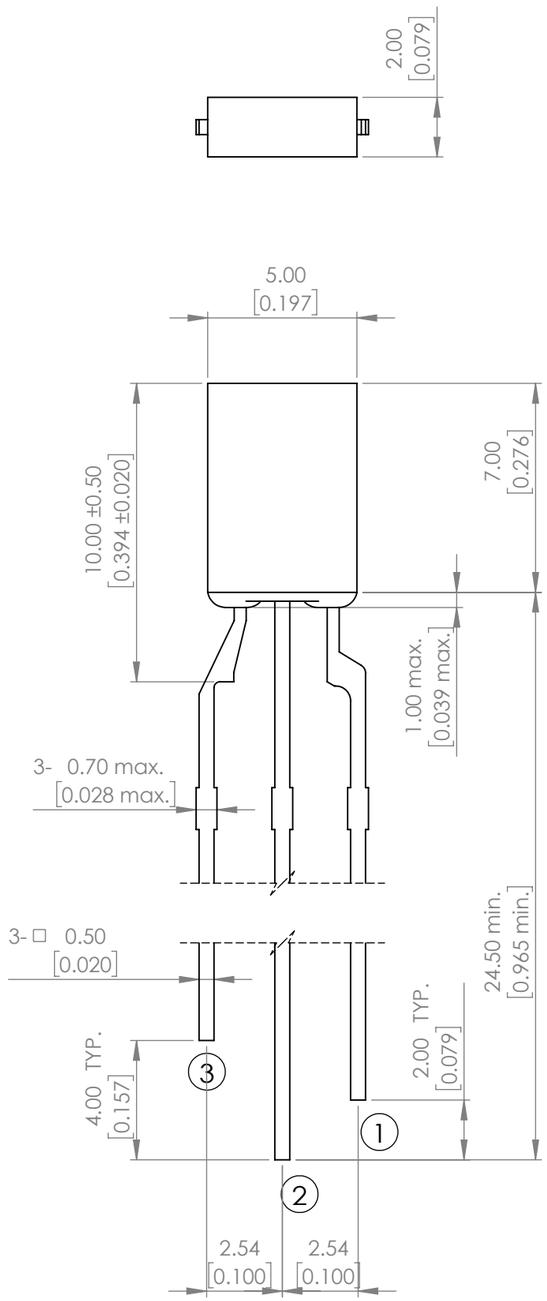
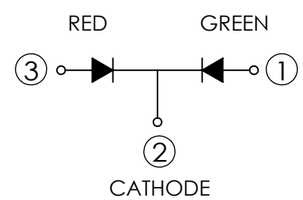
PART NUMBER	SSL-LX2579GIW	REV	B

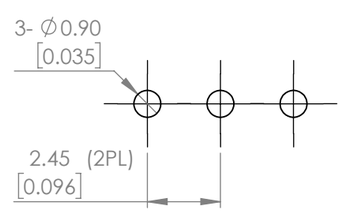
REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN	03.08.12
B	ECN-Lumex201700096	10.25.17



POLARITY



RECOMMENDED LAYOUT



ELECTRO-OPTICAL CHARACTERISTIC TA=25℃

PARAMETER	COLOR	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	GREEN	-	565	-	nm	If=20mA
	RED		627			
FORWARD VOLTAGE	GREEN		2.2	2.5	Vf	If=20mA
	RED	-	2.0	2.5		
REVERSE CURRENT	GREEN	-	-	10	uA	V_R=5V
	RED	-	-	10		
LUMINOUS INTENSITY	GREEN	4	10	-	mcd	If=20mA
	RED	5	12	-		
VIEWING ANGLE		-	140	-	2x theta1/2	-
EMITTED COLOR		GREEN/RED				
EPOXY LENS FINISH		WHITE DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25℃

PARAMETER	COLOR	MAX	UNITS
PEAK FORWARD CURRENT*	GREEN	140	mA
	RED	160	
FORWARD CURRENT	GREEN	25	mA
	RED	30	
REVERSE VOLTAGE	GREEN	5	V
	RED	5	
POWER DISSIPATION	GREEN	62.5	mW
	RED	75	
STORAGE TEMPERATURE	-40 TO +85		℃
OPERATING TEMPERATURE	-40 TO +85		℃
LEAD SOLDER TEMPERATURE**	3SEC MAX @260		℃

*1/10 DUTY CYCLE, 0.1MS PULSE WIDTH.
**2mm BELOW PACKAGE BASE

NOTE:
1.RoHS COMPLIANT.

*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= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

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2x5mm RECTANGULAR LED, 565/627nm GREEN(GaP)/RED(GaAsP/GaP), MILKY WHITE DIFFUSED.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE : 2017.10.25	DRAWN BY : K.Y.
PAGE : 1 OF 1	CHKD BY : E.C.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	Pb

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