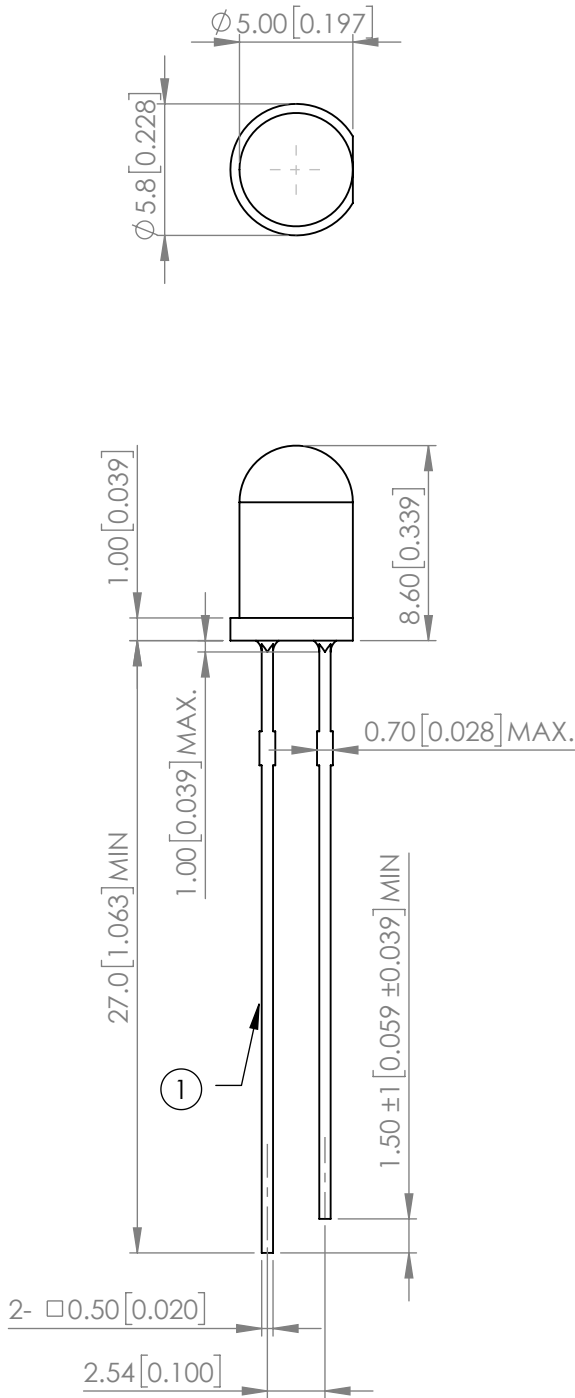
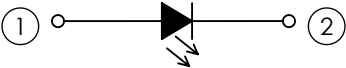


		PART NUMBER		SSL-LX5093TC		REV	B
REV	E.C.N. NUMBER AND REVISION COMMENTS					DATE	
A	E.C.N. #10BRDR & REDRAWN.					10.02.12	
B	ECN-Lumex202400045					08.30.24	



POLARITY



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH*	X	-	0.19	-	-	If=20mA
	Y	-	0.41	-	-	
FORWARD VOLTAGE		*	3.3	4.0	Vf	If=20mA
REVERSE CURRENT		-	-	50	uA	VR=5V
LUMINOUS INTENSITY		1600	2300	-	mcd	If=20mA
VIEWING ANGLE		-	20	-	2x theta1/2	If=20mA
EMITTED COLOR		TURQUOISE				
EPOXY LENS FINISH		WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	120	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE**	3 SEC. MAX.@260	°C

*1/10 DUTY CYCLE, 0.1ms PULSE WIDTH

**2.0mm FROM BODY

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	CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	DATE : 2024.08.30	DRAWN BY : E.C.
			PAGE : 1 OF 1	CHKD BY : T.S.
			SCALE : NTF	APRVD BY : G.Y.
			UNIT : mm [INCH]	