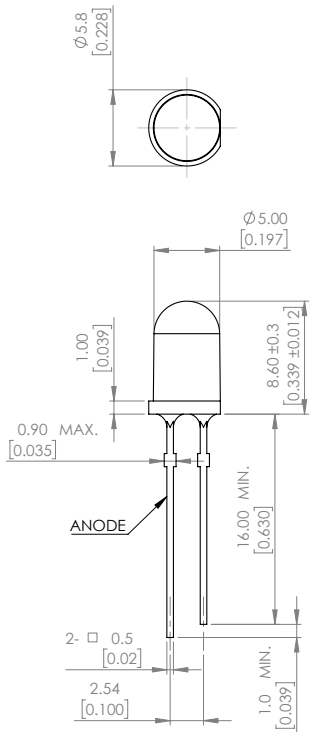
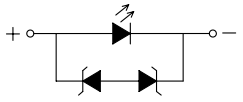
PART NUMBER	SSL-LX5093UWC/A	REV	F

REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10509.	04.29.99
B	E.C.N. #11283.	01.06.08
C	E.C.N. #11148.	10.27.06
D	E.C.N #10BRDR. & REDRAWN.	05.18.12
E	E.C.N. #11848.	01.04.13
F	ECN-Lumex201700077	09.18.17



POLARITY



ELECTRO-OPTICAL CHARACTERISTIC TA=25℃

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
CHROMATICITY COORDINATES	-	0.29	-	-	If=20mA
	-	0.28	-	-	
FORWARD VOLTAGE	2.8	-	3.6	Vf	If=20mA
REVERSE CURRENT	-	-	50	uA	VR=5V
LUMINOUS INTENSITY	3600	-	7200	mcd	If=20mA
VIEWING ANGLE	-	50	-	2x theta1/2	If=20mA
EMITTED COLOR	WHITE				
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25℃

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
POWER DISIPATION	110	mW
STORAGE TEMPERATURE	-40 TO +100	℃
OPERATING TEMPERATURE	-40 TO +85	℃
SOLDERING TEMPERATURE**	3 SEC. MAX. @260	℃

***t<10us**
****2.0mm FROM BODY**

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

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

LUMEX®
Creating LED and LCD Solutions Together™
425 N. GARY AVE.
CAROL STREAM, IL 60188
PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM

5.8W*8.6H, QUASARBRITE T-5mm (T-1 3/4), WHITE LED, WATER CLEAR LENS.

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

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 : 2017.09.22	DRAWN BY : C.C.
PAGE : 1 OF 1	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : E.C.
UNIT : mm [INCH]	Pb