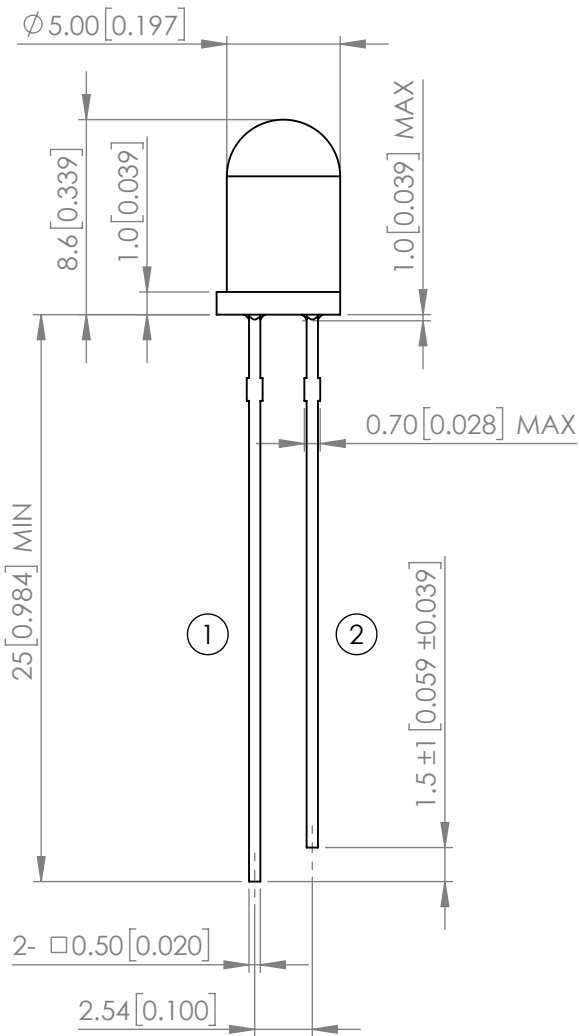
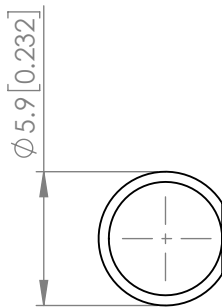
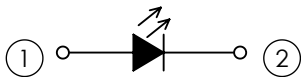


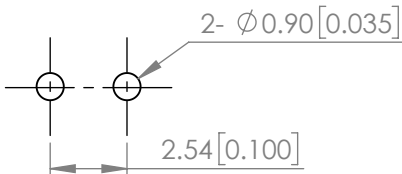
PART NUMBER		SSL-LX5093BID	REV	E
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	REDRAWN.			05.13.93
B	E.C.N. #10BRDR. & REDRAWN IN 3D.			05.29.01
C	E.C.N. #11148.			10.17.06
D	E.C.N. #10BRDR. & REDRAWN.			01.25.12
E	ECN-Lumex201800178			11.21.18



POLARITY



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	630	-	nm	-
FORWARD VOLTAGE	3.5	-	14	Vf	-
BLINKING FREQUENCY	-	1.5	-	Hz	Vf=14.0 ,If=44mA
	-	3.0	-	Hz	Vf=3.5 ,If=8mA
LUMINOUS INTENSITY	-	25	-	mcd	Vf=9V
VIEWING ANGLE	-	60	-	2x theta1/2	-
EMITTED COLOR	RED				
EPOXY LENS FINISH	RED DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
FORWARD VOLTAGE	14	V
REVERSE VOLTAGE	0.5	V
POWER DISSIPATION	310	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +70	°C
SOLDERING TEMPERATURE	3 SEC. MAX @ 260	°C

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

Ø5.0*8.6H, QUASARBRITE T-5mm (T-1 3/4), BLINKING GaAsP/GaP 630nm RED LED, RED DIFFUSED LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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 : 2018.11.21

DRAWN BY : C.C.

PAGE : 1 OF 1

CHKD BY : E.C.

SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]

Ⓢ