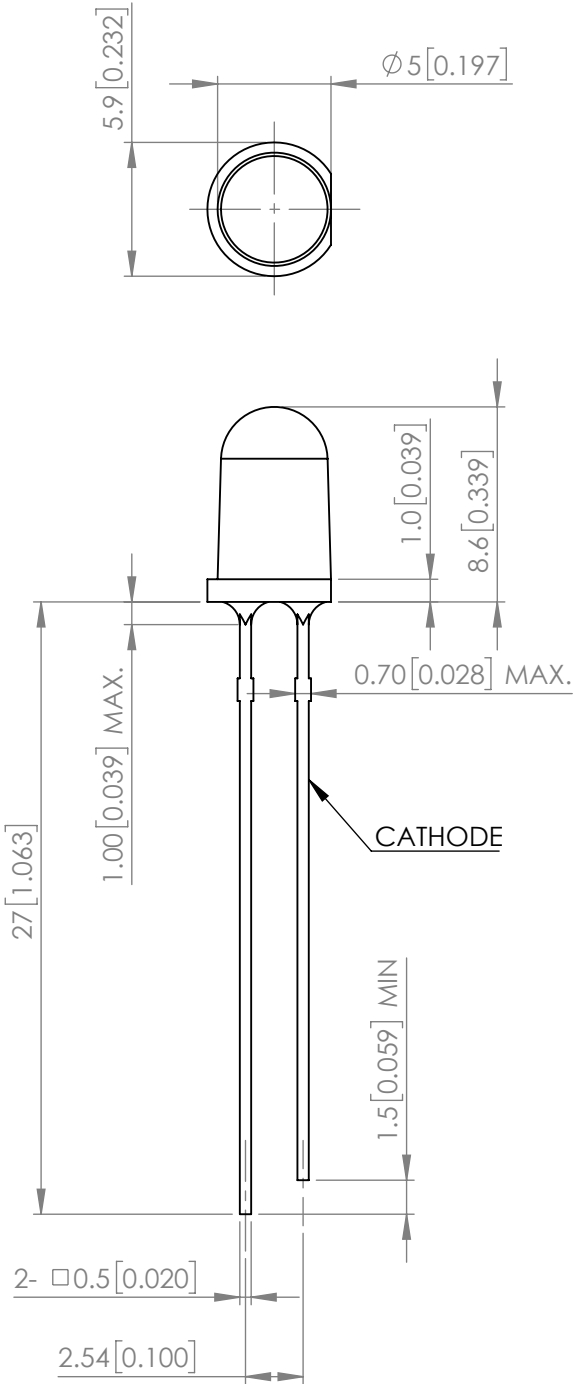


		PART NUMBER	SSL-LX5093SRC/X	REV	G
		REV	E.C.N. NUMBER AND REVISION COMMENTS		DATE
		A	UPDATED SPECS.		01.05.95
		B	E.C.N. #10251.		09.30.96
		C	E.C.N. #10BRDR. & REDRAWN IN 3D.		05.31.01
		D	E.C.N. #10788.		09.13.01
		E	E.C.N. #11148.		10.25.06
		F	E.C.N. #10BRDR. & REDRAWN.		09.27.12
		G	ECN-Lumex201700061		08.24.17



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	660	-	nm	If=20mA
FORWARD VOLTAGE	-	1.7	2.2	Vf	If=20mA
REVERSE VOLTAGE	-	-	4	Vr	Ir=100uA
LUMINOUS INTENSITY	/DU	-	1200	-	mcd If=20mA
	/DV	-	1500	-	
	/DW	-	1800	-	
VIEWING ANGLE	-	30	-	2x theta1/2	-
EMITTED COLOR	RED				
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
FORWARD CURRENT	30	mA
POWER DISIPATION	100	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE**	3 SEC. MAX. @260	°C

*t<10us

**2.0mm FROM BODY

*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	5.6W*8.6H, QUASARBRITE T-5mm (T-1 3/4) 660nm SUPER RED LED, WATER CLEAR LENS.		DATE : 2017.08.25	DRAWN BY : C.C.
	THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.		PAGE : 1 OF 1	CHKD BY : G.Y.
	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.		SCALE : NTF	APRVD BY : E.C.
			UNIT : mm [INCH]	