



PART NUMBER		SSL-LX5093XRC/4	REV	F
REV	E.C.N. NUMBER AND REVISION COMMENTS		DATE	
A	REMOVED XRC/4.		05.20.94	
B	E.C.N. #10279.		11.25.96	
C	E.C.N #10BRDR. & REDRAWN IN 3D		05.18.01	
D	E.C.N #11148.		10.30.06	
E	ECN-Lumex201700003.		02.07.17	
F	ECN-Lumex201700073		09.18.17	

ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	660	-	nm	If=20mA
FORWARD VOLTAGE	-	2.1	2.4	Vf	If=20mA
REVERSE VOLTAGE	-	-	5	Vr	Ir=100uA
LUMINOUS INTENSITY	2300	3200	-	mcd	If=20mA
VIEWING ANGLE	-	20	-	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	75	mW
STORAGE TEMPERATURE	-40 TO +100	°C
OPERATING TEMPERATURE	-30 TO +85	°C
SOLDERING TEMPERATURE**	3 SEC. MAX. @260	°C

*t<10us

**2.0mm FROM BODY

NOTE:

1. RoHS COMPLIANT.

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= ^{DECIMAL PRECISION} 0.00

 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 : 2017.09.18	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		SCALE : NTF	APRVD BY : E.C.
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