

PART NUMBER	SSL-LX5093GYW	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.25.94	REDRAWN.		A
05.29.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		B
10.19.06	E.C.N. #11148.		C
02.01.12	E.C.N. #10BRDR. & REDRAWN.		D

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	(G/Y)	565/585		nm	
FORWARD VOLTAGE	(G/Y)	2.2/2.1	2.6/2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY	(G/Y)	20/15		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN/YELLOW				
LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (G/Y)	25/30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

* t<10µs

