

PART NUMBER	SSL-LX5093GT-5V	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.29.01	E.C.N. #10BRDR. & REDRAWN.		A
10.19.06	E.C.N. #11148.		B
02.01.12	E.C.N. #10BRDR. & REDRAWN.		C

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=5V					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		5.0	7.0	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		80		mcd	If=5V
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN TRANSPARENT				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7.0	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	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.

