

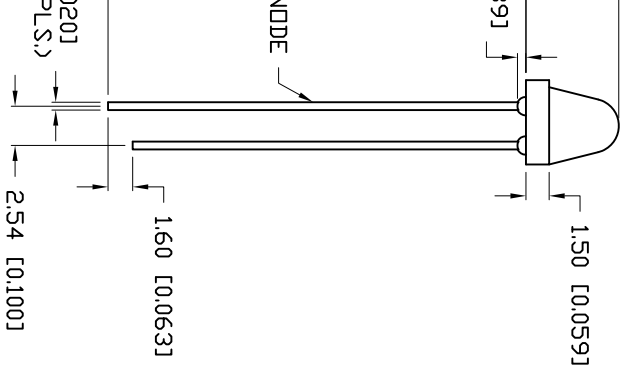


**THE DATASHEET OF
SSL-LX5063GD**



PART NUMBER		SSL-LX5063GD		REV.	D
DATE		E.C.N. NUMBER AND REVISION COMMENTS		REV.	D
11.20.95	UPDATED SPECS.			A	
04.19.01	E.C.N. #10BRDR. & REDRAWN IN 3D.			B	
10.31.06	E.C.N. #11148.			C	
03.04.13	E.C.N. #10BRDR. & REDRAWN.			D	

[A]



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	If=100µA
REVERSE VOLTAGE	5.0			Vr	If=20mA
AXIAL INTENSITY		30		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX
* If<10µS		



Y-AE (+0.039), X-X=±0.5 (+0.020), X-XX=±0.25 (+0.010), XXXX=±0.127 (+0.005), LEAD SIZE=±0.05 (+0.002), LEAD LENGTH=±0.75 (+0.030), MIN.= -0.00 DECADEAL PRECISION MAX.= +0.00 DECADEAL PRECISION
 TEL. 80188-4900
 FAX. 80188-5666
 800.278.5666
 3.15.2152
 LUXEY.COM
 LUXEY GROUP

T-5mm (T-1 3/4) 565nm GREEN LED, GREEN DIFFUSED LENS.
 THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT
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