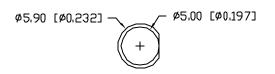
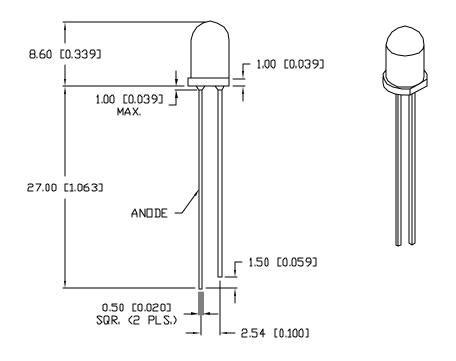
## UNCONTROLLED DOCUMENT





## PART NUMBER SSL-LX5093GD-5V

REV.

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
Α	REDRAWN.	6.4.94
В	E.C.N. #10BRDR, & REDRAWN IN 3D.	5.29.01
C	E.C.N. #11148	10.19.06

ELECTRO-OPTICAL CH	ARACTERISTICS	TA=25°C	V <sub>f</sub> = 5	<b>V</b>	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		5.0	7.0	۷f	
reverse voltage	5.0			$V_r$	Aبر100 = Ir
AXIAL INTENSITY		20		mcd	$V_f = 5 V$
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 VOLTAGE	7.0	٧
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	- 1.2	mW/ <b>'</b> C
OPERATING, STORAGE TEMP.	- 40 TO + 85	°C
SOLDERING TEMP.	+ 260	°C
2.0mm FROM BODY		3 SEC. MAX



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\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN= +0.000 |

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN= +0.000 |

\*\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.127 (±0.005).

PART NUMBER

C SSL-LX5093GD-5V

T-5mm (T-1 3/4) 565nm GREEN LED, GREEN DIFFUSED LENS, 5 VOLT OPERATION.

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RELABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT

SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE.

PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



DRAWN BY:

JC

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CHECKED BY: APPROVED BY: DATE: 10.19.06

PAGE: 1 OF 1 SCALE: N/A

## **Mouser Electronics**

Related Product Links

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