



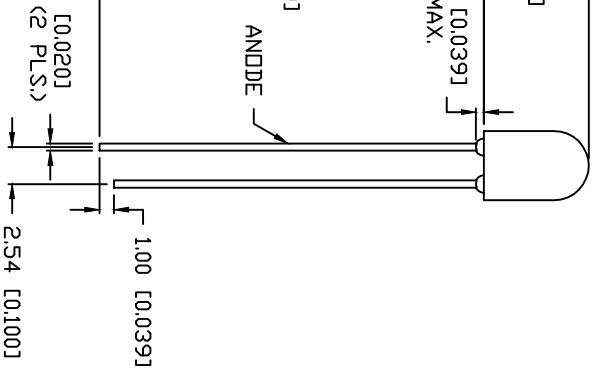
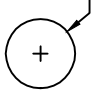
**THE DATASHEET OF
SSL-LX507F3GD**



L-73GDA

SC:0.50	PART NUMBER	REV.
	SSL-LX507F3GD	C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10112 & #10113.	4.16.96
B	E.C.N. #10BRDR. & REDRAWN IN 3D.	6.4.01
C	E.C.N. #111148	11.01.06



- [L5]
- [V5]

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V _f	I _f =100µA
REVERSE VOLTAGE	5.0			V _r	I _f =20mA
AXIAL INTENSITY		30		mcd	
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	30	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
* I _t <10µs		



DIMENSIONS PER DECIMAL 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= -0.00 (DECIMAL PRECISION MAX= +0.00 (DECIMAL PRECISION

UNCONTROLLED DOCUMENT

NUMBER

507F3GD

5mm GREEN LED,
LED LENS.

CONFIDENTIAL INFORMATION

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RELIABILITY 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.

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