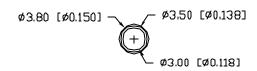
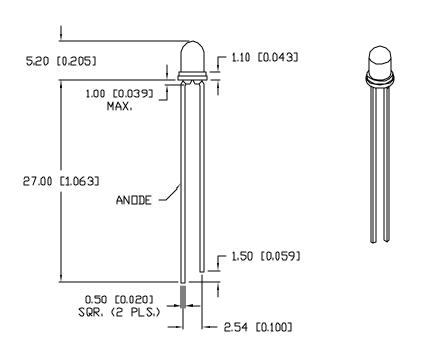
## SSL-LX305D4SGD





ELECTRO-OPTICAL CH	ARACTER	ISTICS TA=25°C		$I_f = 20mA$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	$V_{f}$	
reverse voltage	5.0			٧r	Ir=100µA
AXIAL INTENSITY		15		med	$I_f = 20mA$
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	- 1.6	m₩/°C
OPERATING, STORAGE TEMP.	- 40 TO +85	<b>'</b> C
SOLDERING TEMP.	+ 260	<b>'</b> C
2.0mm FROM BODY		3 SEC. MAX
T		

\* t<10µS

REPLACES PART #: SSL-LX30C54SGD

UNCONTROLLED DOCUMENT

\*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= +DECINAL PRECISION MAX.= +0.00 MAX

PART NUMBER
SSL-LX305D4SGD

T-3mm (T-1) 565nm SUPER GREEN LED,

GREEN DIFFUSED LENS.

CONFIDENTIAL INFORMATION

THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY DF
LUMEN NO. EXCEPT AS SECOFICALLY AUTHORIZED IN WRITING BY LUNEX
INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION
ON TAINED HERBIN CONFIDENTIAL AND SHALL PROTECT SAME IN WINCILE OR
IN PART FROM DESCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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.



290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw

DRAWN BY: CHECKED BY: APPROVED BY: DATE: 2.25.02
PAGE: 1 OF 1
ct SCALE: N/A

## **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

SSL-LX305D4SGD