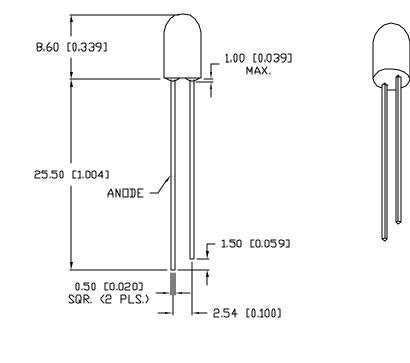
UNCONTROLLED DOCUMENT



electro-optical ch	ARACTER	ISTICS TA=25°C		lf=20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		525		nm	
FORWARD VOLTAGE		3.7	4.1	Vf	
REVERSE VOLTAGE	5.0			Vr	I _r =100µА
AXIAL INTENSITY		14000		med	l f = 20mA
VIEWING ANGLE		30		2x theta	
Emitted Color;	GREEN				
EPOXY LENS FINISH;	WATER	CLEAR			

PART NUMBER

SSL-LX509F3UPGC/D

LIMITS OF SAFE OPERATION AT 25'C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	- 1.2	m₩/°C
OPERATING, STORAGE TEMP.	- 40 TO + 85	•C
Soldering Temp.	+ 260	. C
2.0mm FROM BODY		3 SEG, MAX
• t<10لبS		

UNCONTROLLED DOCUMENT *UNLESS OTHERWISE SPECIFIED TOLERANCES 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). MN= +DECIMAL PRECISION WX.= +0.00 --0.00 <u>CONFIDENTIAL INFORMATION</u> THE INFORMATION CONTINATED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX NC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION 290 E. HELEN ROAD REV. PART NUMBER PALATINE, IL 60067-6976 -tctSSL-LX509F3UPGC/D PHONE: +1.847.359.2790 We name Changes to Mank Ser Ven US WEB: www.lumex.com CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES. TW WEB: www.lumex.com.tw T-5mm (T-1 3/4) 525nm InGaN GREEN LED, RELIABILITY NOTE DRAWN BY: CHECKED BY: APPROVED BY: DATE: 10.06.05 OUR NANY YEARS OF EXPERIENCE DATA ACCUNULATION INDICATE THAT PAGE: 1 OF 1 SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. WATER CLEAR LENS. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS. SCALE: N/A JП

REV.

Ρb

Mouser Electronics

Authorized Distributor

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

Lumex: SSL-LX509F3UPGC/D