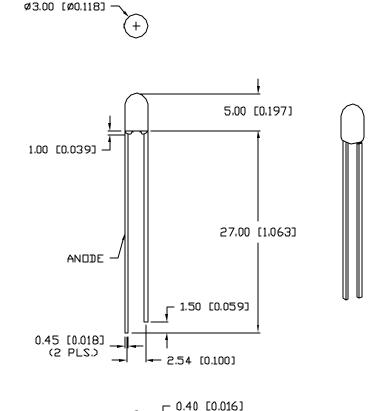
SSL-LX305F6SID



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		2.0	2.5	V_{f}	
REVERSE VOLTAGE	5.0			٧r	I _r =100μΑ
AXIAL INTENSITY		100		mcd	I _f =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	m A
POWER DISSIPATION	100	mW
DERATE FROM 25°C	– 1. 6	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO + 100	°C
SOLDERING TEMP.	+ 260	.c
2.0mm FROM BODY		3 SEC. MAX

^{*} t<10µS

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.0010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECINAL PRECISION MAX.= +0.00 MA

PART NUMBER

SSL-LX305F6SID

T-3mm (T-1) LED 636nm SUPER RED LED, RED DIFFUSED LENS.

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMCX NO. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE EXCEPT ALL SECRIVATION DOCUMENTS BELIEVED ALL INFORMATION CONTAINED HERBIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLISSIVE AND DISSEMINATION TO ALL THRO 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 WFB: www.lumex.com

US WEB: www.lumex.com.tw

DRAWN BY: CHECKED BY: APPROVED BY: DATE: 1.26.06
PAGE: 1 OF 1
JD SCALE: N/A

Mouser Electronics

Authorized Distributor

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

Lumex:

SSL-LX305F6SID