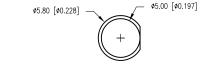
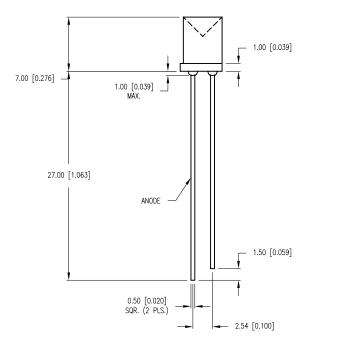
PART NUMBER	SSL-LX507DT3SRT	REV.	С
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.31.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		Α
11.01.06	E.C.N. #11148		В
10.04.11	E.C.N. #10BRDR.		С

ELECTRO-OPTICAL C	HARACTE	RISTICS TA=25°C	;	l f = 20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	Vf	
REVERSE VOLTAGE	4.0			Vr	l <sub>r</sub> =100µA
AXIAL INTENSITY		30		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		140		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED	TRANSPARENT			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	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
* t<10µS		





\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=  $\frac{+0.00}{-0.00}$  MAX=  $\frac{+0.00}{-0.00}$  UNCONTROLLED DOCUMENT

LUIVIEN	🔞 290 E. HELEN ROAD	T-5mm (T-1 3/4) 660nm RED, DIMPLE TOP LED, RED TRANPARENT LENS.		10.04.11	DRAWN BY:	AB
	PALATINE, IL 60067-6976 PHONE: +1.847.359.2790		PAGE:	1 OF 1	CHKD BY:	SS
	FAX: +1.847.359.6538		SCALE:	NTS	APRVD BY:	KF
	WEB: WWW.LUMEX.COM		UNIT:	mm [INCH]	<u>No</u>	

## **Mouser Electronics**

Authorized Distributor

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Lumex: SSL-LX507DT3SRT