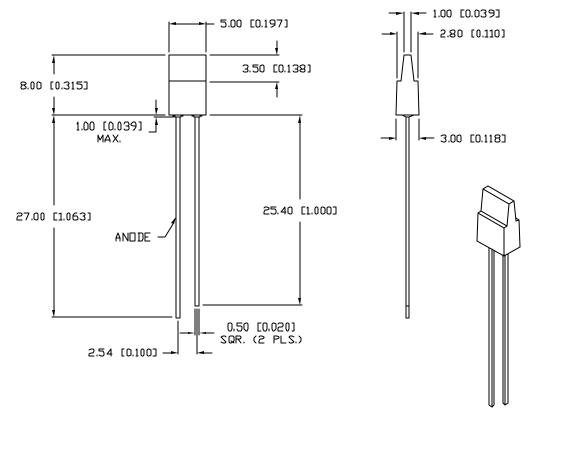
## UNCONTROLLED DOCUMENT





Electro-optical characteristics $T_A=25$ °C $I_f=20$ mA								
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND			
PEAK WAVELENGTH		660		nm				
FORWARD VOLTAGE		1.8	2.2	Vf				
REVERSE VOLTAGE	4.0			٧r	l <sub>r</sub> =100µА			
axial intensity		50		mcd	lf=20mA			
VIEWING ANGLE		110		2x theta				
Emitted Color;	RED							
EPOXY LENS FINISH:	RED DI	FUSED						

## 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	°Ċ
SOLDERING TEMP.	+ 260	.c
2.0mm FROM BODY		3 SEC. MAX
s t<10ھرS		

VINCONTROLLED DOCUMENT *UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN = +0.00 -0.00 MAX.= +0.00 -0.00 MAX.= +0.00									
REV.	part number SSL-LX1583SRD	<u>confidential information</u> The information contained in this document is the property of Lumex NG. Except as specifically authorized in writing by Lunex Inc. The Holder of this document shall keep all information contained herein confidential and shall protect same in whole or	INCORPORATED		290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 PHONE: (847) 359—2790 WEB: http://www.lumex.com				
T—1	x 5mm RECTANGULAR LED, 660nm SUPER RED LED, RED DIFFUSED LENS <i>.</i>	IN PART FROM DISOLOGURE AND DISSEMINATION TO ALL THRD PARTIES. <u>Reliability note</u> 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.	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: PAGE: SCALE:	8.18.00 1 OF 1 N/A		

REV.

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