UNCONTROLLED DOCUMENT

		SSL-	LX:	2046	5GD
EV.	E,C,N.	NUMBER	AND	REVISION	COMME
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REV. В

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
Α	UPDATED SPECS.	2.16.95
В	E.C.N. #10BRDR, & REDRAWN IN 3D,	9.27.00

PART NUMBER

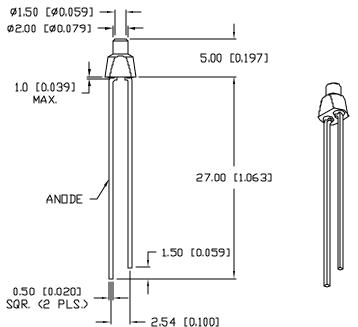
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}C$ $I_f=20mA$					
PARAMETER	MIN	TYP	MAX	LINITS	TEST COND
PEAK WAVELENGTH		5 6 5		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			٧r	I _r =100μΑ
AXIAL INTENSITY		10		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		70		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH;	GREEN	TOP DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FÖRWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	—1.6	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO + 85	•c
SOLDERING TEMP.	+ 260	.c
2.0mm FROM BODY		3 SEC. MAX
# 1.440 C		

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Ø4.00	[ø0.157]	<u> </u>		1
			2.80	[0.110]
				1



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),

REV. PART NUMBER SSL-LX20465GD

T-2mm TAPER BODY LED, TOP DIFFUSED, 565nm GREEN, GREEN TOP DIFFUSED.

CONFIDENTIAL INFORMATION
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RELIABILITY 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.



BC

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CHECKED BY: APPROVED BY: DATE: 1,22,93 PAGE: 1 OF 1 SCALE: N/A