

DATE	REVISIONS	REV

DRAWING NUMBER	REV
SSL-LXA228GD	

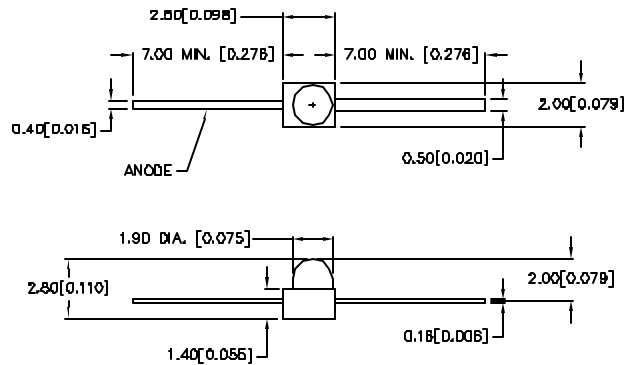
ELECTRO-OPTICAL CHARACTERISTICS $T_a = 25^\circ\text{C}$ $I_f = 20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (GREEN)		nm	
FORWARD VOLTAGE		2.1	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f = 100\mu\text{A}$
AXIAL INTENSITY		12		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		25		$2x$ theta	
EMITTED COLOR:	GREEN				
EPDXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
		3 SEC. MAX

* $t < 10\mu\text{s}$



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.

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DATE: 11-5-87	DWN:	CHK'D:	APP'D:
SCALE: N/A			

T-2.8mm AXIAL LEAD LED,
GREEN DIFFUSED.

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