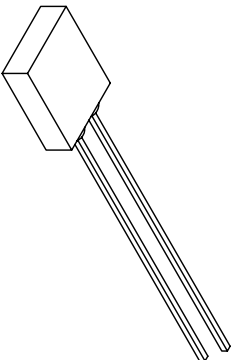




**THE DATASHEET OF
SSL-LX25783GD**



PART NUMBER	SSL-LX25783GD		REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.	
09.23.92	CHG'D PEAK WAVELENGTH.		A	
03.06.95	UPDATED SPECS.		B	
01.10.01	E.C.N. #10702		C	
06.01.11	E.C.N. #108RD.R. & REDRAWN.		D	



ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C If = 20mA

PARAMETER	MIN	TPP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.0	2.8	Vf	If=100mA
REVERSE VOLTAGE	5.0			Vr	If=20mA
AXIAL INTENSITY		9		mcd	
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

* I<10µS

1.50 [0.059]



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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±0.001 DECMAL PRECISION MAX±0.001 DECMAL PRECISION

2.3mm x 8mm RECTANGULAR LED, 565nm GREEN, GREEN DIFFUSED LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT

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DATE:	06.01.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	BC
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		



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