



PART NUMBER	SSL-LX4073GD	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
11.01.94	UPDATED SPECS, REDRAWN.		A
05.08.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		B
07.11.02	E.C.N. #10886.		C
06.21.11	E.C.N. #10BRDR. & REDRAWN.		D

[A] ELECTRO-OPTICAL CHARACTERISTICS T <sub>a</sub> =25°C				I <sub>f</sub> =20mA	
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V <sub>f</sub>	I <sub>r</sub> =100μA
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>f</sub> =20mA
AXIAL INTENSITY		30		mcd	
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN			°C	
EPOXY LENS FINISH:	GREEN DIFFUSED				

[A] 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.
* 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= <sup>+DECIMAL PRECISION</sup><sub>-0.00</sub> MAX.= <sup>+0.00</sup><sub>-DECIMAL PRECISION</sub>

UNCONTROLLED DOCUMENT

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