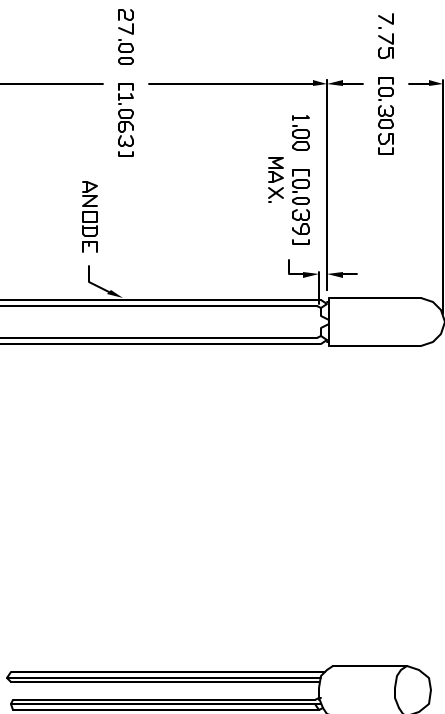


PART NUMBER			REV.
SSL-LX308F4YD			A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	4.18.01	



ELECTRO-OPTICAL CHARACTERISTICS I _A =25°C I _F =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.5	V _F	I _F =100μA
REVERSE VOLTAGE	5.0			V _R	I _F =20mA
AXIAL INTENSITY		30		mcd	
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:		YELLOW			
EPOXY LENS FINISH:		YELLOW DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	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
* t<10μs		

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±10.5 (±0.020), XXX=±12.5 (±0.010), XXXX=±10.127 (±0.005), LEAD SIZE=±0.08 (±0.002), LEAD LENGTH=±0.75 (±0.030), MM=±0.00

REV.

PART NUMBER

A

SSL-LX308F4YD

T=3mm (T=1) 585nm YELLOW LED,
YELLOW DIFFUSED LENS.

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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.



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BC			1.27.99
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			SCALE: N/A