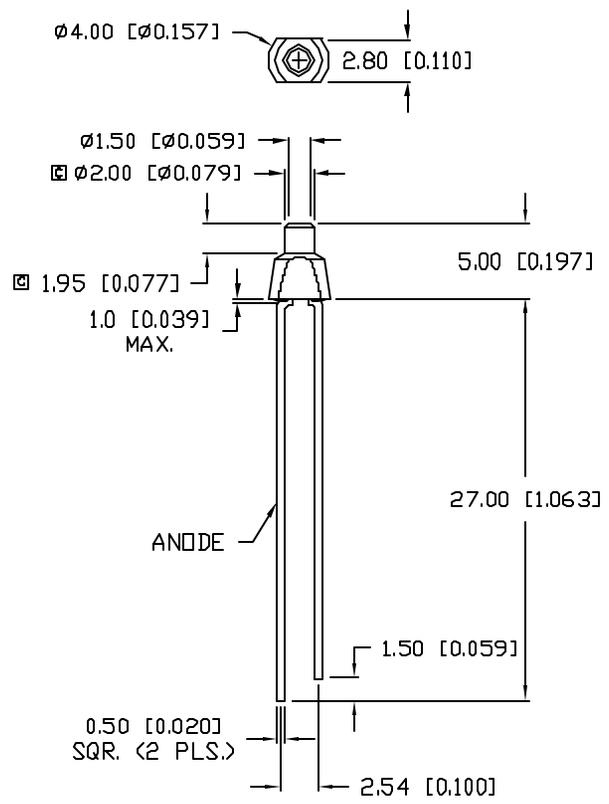


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PART NUMBER
SSL-LX20465LAD

REV.
D

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	UPDATED AXIAL INTENSITY.	6.21.93
B	UPDATED SPECS.	2.16.93
C	CORRECTED DIM.	4.27.95
D	E.C.N. #10BRDR. & REDRAWN IN 3D.	9.27.00



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		610		nm	
FORWARD VOLTAGE		2.0	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _f =100μA
AXIAL INTENSITY		10		mcad	I _f =20mA
		.8		mcad	I _f =2mA
VIEWING ANGLE		70			2x theta
EMITTED COLOR:	AMBER				
EPOXY LENS FINISH:	AMBER TOP 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=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN. ^{+0.00} DECIMAL PRECISION MAX. ^{-0.00} DECIMAL PRECISION

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REV. D	PART NUMBER SSL-LX20465LAD
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290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
PHONE: (847) 359-2790
WEB: <http://www.lumex.com>

T-2mm TAPER BODY LED, TOP DIFFUSED,
610nm AMBER LED, AMBER TOP DIFFUSED, LOW CURRENT.

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.

DRAWN BY: BC	CHECKED BY:	APPROVED BY:	DATE: 11.30.92
			PAGE: 1 OF 1
			SCALE: N/A

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