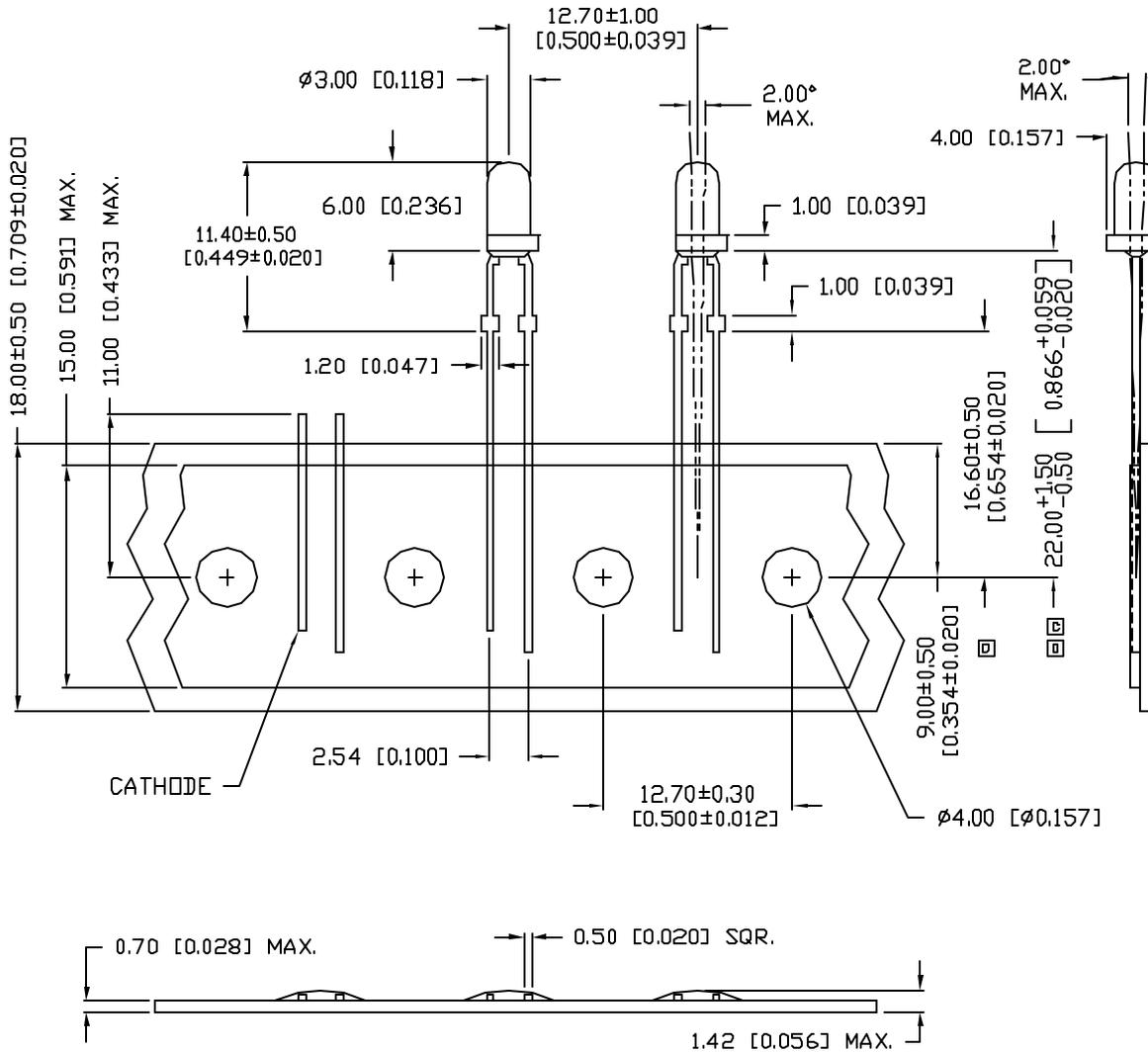


UNCONTROLLED DOCUMENT

PART NUMBER
SSL-LX3064LYD16884

REV.
D

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	ALTERED PART# & CHG'D MIN INTENSITY./	6-15-95
B	E.C.N. #10152./	4-23-96
C	E.C.N. #10461. & #10BRDR. & REDRAWN.	9-14-98
D	E.C.N. #10498.	2-24-99



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
FORWARD VOLTAGE		2.1	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _f =100μA
AXIAL INTENSITY	1.0	30		mod	I _f =20mA
VIEWING ANGLE		60		2x theta	I _f =2mA
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	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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

NOTES:

1. 1.5K PER REEL.

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*UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±0.25mm (±0.010")

REV. D PART NUMBER SSL-LX3064LYD16884

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LUMEX
INCORPORATED

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T-3mm (T-1) 585nm YELLOW LED, YELLOW DIFFUSED LENS, WITH STANDOFF, TAPE AND REEL, LOW CURRENT SELECTION.

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:	CHECKED BY:	APPROVED BY:	DATE: 5-25-95
			PAGE: 1 OF 1
SS/DU			SCALE: N/A

Mouser Electronics

Authorized Distributor

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