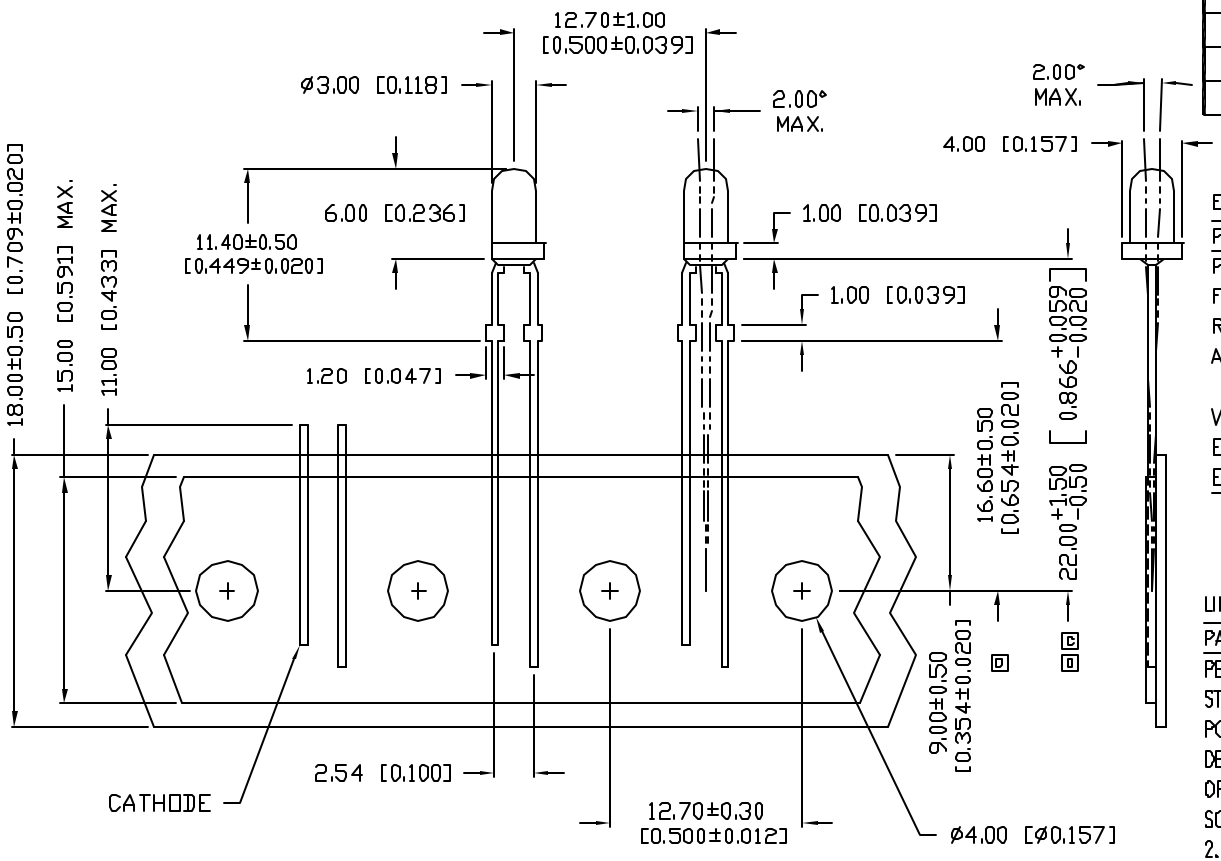
UNCONTROLLED DOCUMENT

PART NUMBER	REV.
SSL-LX3064LYD16884	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



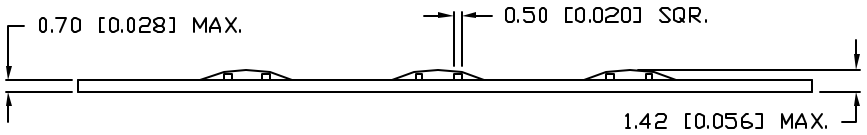
ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

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_r=100µA
AXIAL INTENSITY		30		mcd	I_f=20mA
	1.0			mcd	I_f=2mA
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	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10µS



NOTES:

1. 1.5K PER REEL.

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

REV.	PART NUMBER
D	SSL-LX3064LYD16884

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

CONFIDENTIAL INFORMATION
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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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SS/DU			PAGE: 1 OF 1
			SCALE: N/A