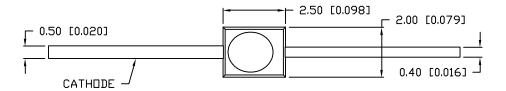
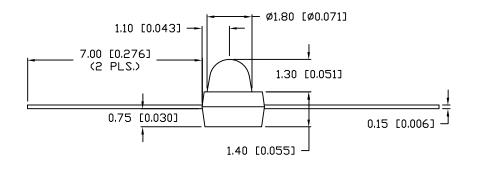
REV.





ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.0	2.4	$V_{f}$	
REVERSE VOLTAGE	5.0			$V_r$	Ir=100µA
AXIAL INTENSITY		16		mcd	$I_f = 20mA$
	1			mcd	$I_f = 2mA$
VIEWING ANGLE		50		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW D	IFFUSED			

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO +85	<b>°</b> C
SOLDERING TEMP.	+ 260	<b>.</b> C
		3 SEC. MAX

<sup>\*</sup> t<10µS

UNCONTROLLED DOCL

\*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=+DECIMAL PRECISION MAX.= +0.00 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.005). LEAD SIZE=±0.05 (±0.005). LEAD SIZE=±0.05 (±0.005). LEAD SIZE=±0.05 (±0.005). LEAD SIZE=±0.05 (±0.005). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.005). LEAD SIZE=±0.05 (±0.005). LEAD SIZE=±0.05 (±0.005). LEAD SIZE=±0.05 (±0.005). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.005). LEAD SIZE=±0.05 (±0.005). LEAD SIZE=±0.05

REV.

PART NUMBER SSL-LXA228LYD

590nm YELLOW AXIAL LEADED LED, SPECIAL LOW CURRENT, YELLOW DIFFUSED.

CONFIDENTIAL INFORMATION
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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.



CT

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CHECKED BY: APPROVED BY: DATE: DRAWN BY:

3.26.01 PAGE: 1 OF 1 SCALE: N/A