



## NOTES:

1. SSL-LX3044YD, YELLOW LED.
2. SSH-LXH303 HOLDER, BLACK NYLON, UL 94V-0.

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 ( $\pm 0.039$ ), X.X=±0.5 ( $\pm 0.020$ ), X.XX=±0.25 ( $\pm 0.010$ ), X.XXX=±0.127 ( $\pm 0.005$ ). LEAD SIZE=±0.05 ( $\pm 0.002$ ), LEAD LENGTH=±0.75 ( $\pm 0.030$ ). MIN=  $-\text{DECIMAL PRECISION}$  MAX=  $+\text{DECIMAL PRECISION}$

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH	585 (YELLOW)			nm
FORWARD VOLTAGE	2.1		2.5	$V_f$
REVERSE VOLTAGE	5.0			$V_r$
AXIAL INTENSITY	30			mcd
VIEWING ANGLE	60			2x theta
EMITTED COLOR:	YELLOW			
EPOXY LENS FINISH:	YELLOW DIFFUSED			

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$ 

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM $25^\circ\text{C}$	-1.6	mW/ $^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

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

**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.

UNCONTROLLED DOCUMENT



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T-3mm (T-1) LED FAULT INDICATOR, 585nm YELLOW LED, YELLOW DIFFUSED LENS.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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PAGE: 1 OF 1	CHKD BY: -
SCALE: N/A	APRV'D BY: -
UNIT: mm [INCH]	PN

# Mouser Electronics

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