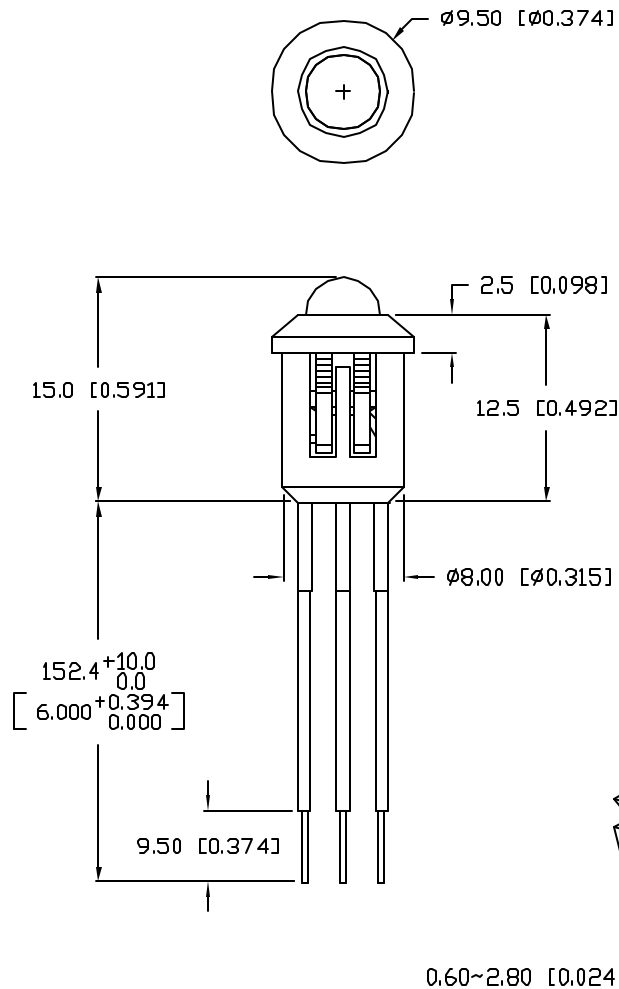


## UNCONTROLLED DOCUMENT

CAUTION: PRESSURE SENSITIVE ASSEMBLY  
AVOID APPLYING PRESSURE TO LED  
DURING PANEL ASSEMBLY.



PART NUMBER		REV.
SSI-LXR5010-38991		B
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10587.	2.22.00
B	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.4.02

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	
		565 (GREEN)		nm	
FORWARD VOLTAGE (Y/G)		2.1/2.2	2.5/2.6	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY (Y/G)		20		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR: YELLOW/GREEN					
EPOXY LENS FINISH: MILKY WHITE DIFFUSED					

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

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(Y/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM $25^\circ\text{C}$		-1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$

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

## NOTES:

- SSL-LX5099YGW-CA, YELLOW/GREEN BICOLOR LED. CUT LEADS TO 5mm.
- SSH-RTF5010 HOLDER.
- LXP-HEATSHRINK-2 (3 PCS.)  $1/16" \times 1/12"$ .
- YELLOW CATHODE: LXP-WST24WHTOC, CUT TO 155mm LONG, TRIM 3mm AND 9.5mm.
- COMMON ANODE: LXP-WST24BLTQC, CUT TO 155mm LONG, TRIM 3mm AND 9.5mm.
- GREEN CATHODE: LXP-WST24GDTQC, CUT TO 155mm LONG, TRIM 3mm AND 9.5mm.

## UNCONTROLLED DOCUMENT

\*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= -0.00 DECIMAL PRECISION MAX.= +0.00 DECIMAL PRECISION

REV.

B

PART NUMBER

SSI-LXR5010-38991

T-5mm (T-1 3/4) TRI-LEADED LED INDICATOR,  
WITH 6" WIRE LEADS, YELLOW/GREEN BICOLOR LED,  
MILKY WHITE DIFFUSED LENS, COMMON ANODE.

## 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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