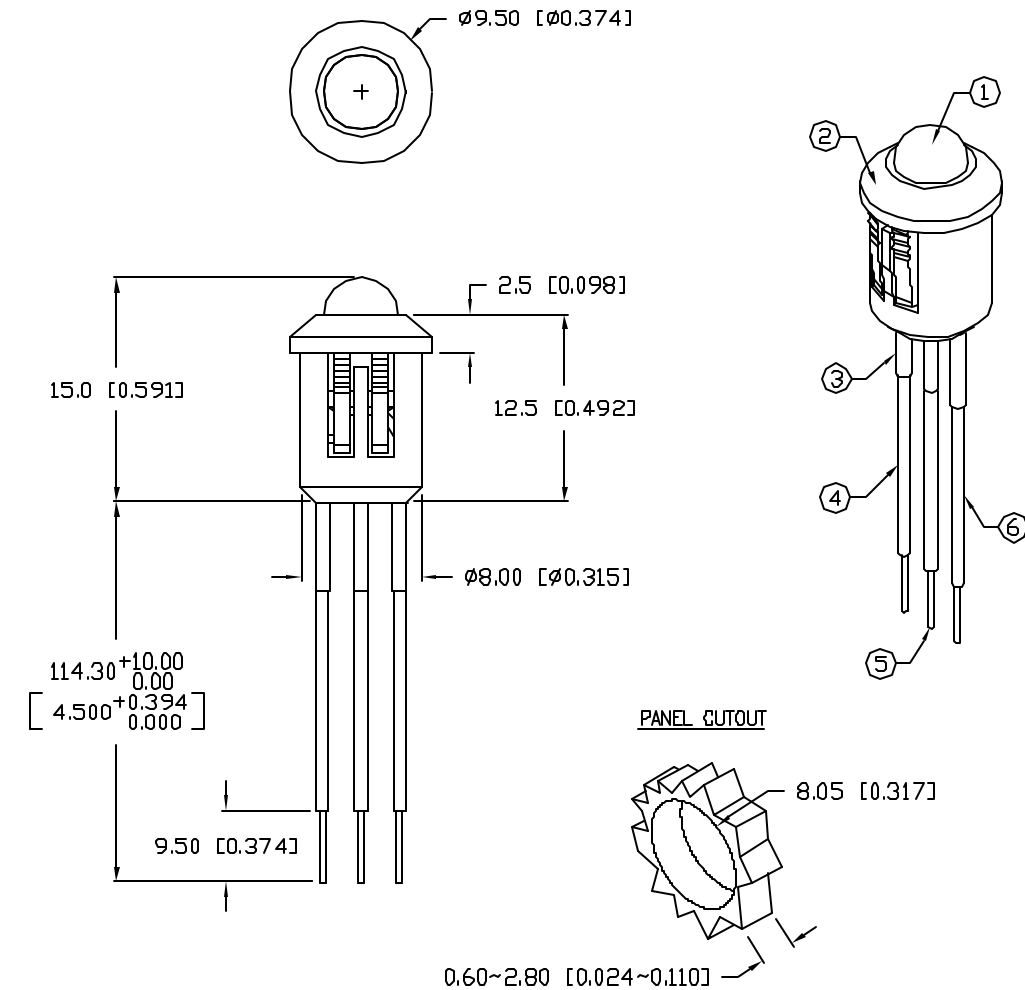


UNCONTROLLED DOCUMENT

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



PART NUMBER		REV.
SSI-LXR5010YGW3115		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	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)		40/45		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, YELLOW/GREEN BICOLOR LED. CUT LEADS TO 5mm.
- SSH-RTF5010 HOLDER.
- LXP-HEATSHRINK-2 (3 PCS.)  $1/16" \times 1/12"$ .
- YELLOW ANODE: LXP-WST24RDT0C, CUT TO 120mm LONG, TRIM 3mm AND 9.5mm.
- COMMON CATHODE: LXP-WST24BLT0C, CUT TO 120mm LONG, TRIM 3mm AND 9.5mm.
- GREEN ANODE: LXP-WST24GRTOC, CUT TO 120mm LONG, TRIM 3mm AND 9.5mm.

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\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X= $\pm 1$  ( $\pm 0.039$ ), XX= $\pm 0.5$  ( $\pm 0.020$ ), XXX= $\pm 0.25$  ( $\pm 0.010$ ), XXXX= $\pm 0.127$  ( $\pm 0.005$ ). LEAD SIZE= $\pm 0.05$  ( $\pm 0.002$ ), LEAD LENGTH= $\pm 0.75$  ( $\pm 0.030$ ), MIN= $\begin{matrix} +0.00 \\ -0.00 \end{matrix}$  DECIMAL PRECISION, MAX= $\begin{matrix} +0.00 \\ -0.00 \end{matrix}$  DECIMAL PRECISION

REV.	PART NUMBER
A	SSI-LXR5010YGW3115

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290 E. HELEN ROAD  
PALATINE, IL 60067-6976  
PHONE: +1.847.359.2790  
US WEB: www.lumex.com  
TW WEB: www.lumex.com.tw

T-5mm (T-1 3/4) TRI-LEADED LED INDICATOR, WITH 4.5" WIRE LEADS, YELLOW/GREEN BICOLOR LED, MILKY WHITE DIFFUSED LENS, COMMON CATHODE.

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:
BC			8.28.01
			PAGE: 1 OF 1
			SCALE: N/A