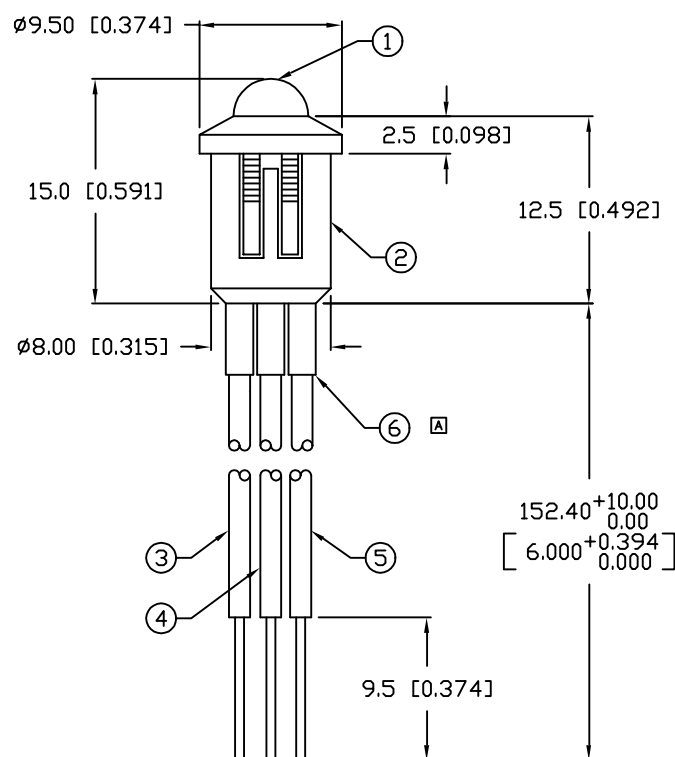


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NOTES:

1. SSL-LX5099YGW-CA, YELLOW/GREEN BICOLOR LED. CUT LEADS TO 5mm.
2. SSH-RTF5010 HOLDER.
3. YELLOW CATHODE: LXP-WST24WHTOC, CUT TO 155mm LONG, TRIM 3mm AND 9.5mm.
4. COMMON ANODE: LXP-WST24BLTOC, CUT TO 155mm LONG, TRIM 3mm AND 9.5mm.
5. GREEN CATHODE: LXP-WST24GDTOC, CUT TO 155mm LONG, TRIM 3mm AND 9.5mm.
6. LXP-HEATSHRINK-2 (3 PCS.) 1/16" x 1/12".

PART NUMBER		REV.
SSI-LXR5010-38991		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10587./	2-22-00

ELECTRO-OPTICAL CHARACTERISTICS		T <sub>A</sub> =25°C		I <sub>f</sub> =20mA	
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 <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> =100μA
AXIAL INTENSITY (Y/G)		20		mcd	I <sub>f</sub> =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				


LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(Y/G)	30/25	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

\*  $t < 10 \mu S$

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

UNCONTROLLED DOCUMENT

\*TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010). LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX.= +0.00  
-0.00 -DECIMAL PRECISION

REV. A	PART NUMBER SSI-LXR5010-38991	<p>CONFIDENTIAL INFORMATION</p> <p>THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.</p> <p>RELIABILITY NOTE</p> <p>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.</p>	 <p>290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 PHONE: (847) 359-2790 WEB: <a href="http://www.lumex.com">http://www.lumex.com</a></p>
T-5mm (T-1 3/4) TRI-LEADED LED INDICATOR, WITH 6" LEADS, YELLOW/GREEN BICOLOR LED, MILKY WHITE DIFFUSED LENS, COMMON ANODE.		<p>DRAWN BY:</p> <p>KS/DU</p>	<p>CHECKED BY:</p> <p>APPROVED BY:</p> <p>DATE: 12-3-98</p> <p>PAGE: 1 OF 1</p> <p>SCALE: N/A</p>