



ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$   $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		605 (AMBER)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE		2.1	2.8	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY		20		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	AMBER/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	(A/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

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

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

NOTES:

1. SSL-LX5099AGW-CA, AMBER/GREEN BICOLOR LED. CUT LEADS TO 5mm.
2. SSH-RTF5010 HOLDER.
3. AMBER CATHODE: LXP-WST24RDT0C, CUT TO 155mm LONG, TRIM 3mm AND 9.5mm.
4. COMMON ANODE: LXP-WST24BLT0C, CUT TO 155mm LONG, TRIM 3mm AND 9.5mm.
5. GREEN CATHODE: LXP-WST24GDT0C, CUT TO 155mm LONG, TRIM 3mm AND 9.5mm.
6. LXP-HEATSHRINK-2 (3 PCS.) 1/16" x 1/12".

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

REV.	PART NUMBER
	SSI-LXR5010AGWCA15

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

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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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