



NOTES:

- SSH-LXH3121 HOLDER, BLACK NYLON 94V-0.
- SSL-LX3044GD-12V LED, LEADS CUT TO 5mm.
- ANODE LEAD: LXP-WST26RDT0C, RED INSULATED LEAD, 26 AWG, CUT 158mm LONG, STRIP 3mm & 6mm.
- CATHODE LEAD: LXP-WST26BLT0C, BLACK INSULATED LEAD, 26 AWG, CUT 158mm LONG, STRIP 3mm & 6mm.
- MOUNTING HOLE: $\phi 0.170 \sim \phi 0.174$ ".

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		12.0	16.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		10		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	11	mA
POWER DISSIPATION	305	mW
DERATE FROM 25°C	-1.6	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

* $t < 10\mu\text{s}$ *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 -DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXH312GD12V150

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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.

LUMEX
INCORPORATED

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T-3mm (T-1) LED, PANEL INDICATOR, 565nm GREEN LED,
GREEN DIFFUSED LENS, 6" WIRE LEADS, INTEGRAL RESISTOR.

DRAWN BY: CHECKED BY: APPROVED BY: DATE: 2-1-00

KS/DU

PAGE: 1 OF 1

SCALE: N/A

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