



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ C$		$V_f = 5 V$		
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		565		nm
FORWARD VOLTAGE		5.0	7.0	V_f
REVERSE VOLTAGE	5.0			V_r
AXIAL INTENSITY	20			mcd
VIEWING ANGLE	60			2x theta
EMITTED COLOR:	GREEN		$V_f = 5 V$	
EPOXY LENS FINISH:	GREEN DIFFUSED			

LIMITS OF SAFE OPERATION AT $25^\circ C$

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7.5	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM $25^\circ C$	-1.2	$mW/^\circ C$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ C$
SOLDERING TEMP.	+260	$^\circ C$
2.0mm FROM BODY	3 SEC. MAX	

NOTES:

1. SSH-LXH3121 HOLDER, BLACK NYLON 94-V0.
2. SSL-LX3044GD-5V LED, LEADS CUT TO 5mm.
3. ANODE LEAD: LXP-WST26RBLTOC, RED INSULATED LEAD, 26 AWG, CUT 360mm LONG, STRIP 3.0mm BOTH ENDS.
4. CATHODE LEAD: LXP-WST26BLTOC, BLACK INSULATED LEAD, 26 AWG, CUT 360mm LONG, STRIP 3.0mm BOTH ENDS.
5. MOUNTING HOLE: Ø0.170-Ø0.174".

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

REV.	PART NUMBER	CONFIDENTIAL INFORMATION	LUMEX INCORPORATED	290 E. HELLEN ROAD PALATINE ILLINOIS 60067 PHONE: (847) 359-2790 WEB: http://www.lumex.com
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	T-3mm (T-1) 565nm GREEN LED PANEL INDICATOR, GREEN DIFFUSED LENS, 5 VOLTS, WITH 14" WIRE LEADS.	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.	APPROVED BY:	DATE: 9.27.00 PAGE: 1 OF 1 SCALE: N/A

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