



NOTES:

1. SSH-LXH3121 HOLDER, BLACK NYLON 94-V.
2. SSL-LX3044GD LED, LEADS CUT TO 5mm.
3. ANODE LEAD: LXP-WST26RDTOC, RED INSULATED LEAD, 26 AWG, -45mm STRIP BOTH ENDS 4mm, -104mm STRIP 4mm AND 6.0mm.
4. CATHODE LEAD: LXP-WST26BLTOC, BLACK INSULATED LEAD, 26 AWG, CUT 158mm LONG, STRIP 6.0mm BOTH ENDS.
5. MOUNTING HOLE: $\phi 0.170$ - $\phi 0.174$ ".
6. LXP-RES 1000 1/2W, 1k OHM 1/2 WATT RESISTOR.
7. LXP-HEATSHRINK-4.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$		$V_f=24\text{V}$			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		24	26	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		40		mcd	$V_f=24\text{V}$
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*	30	mA
STEADY CURRENT	22	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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

*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-LXH312GD24V150

T-3mm (T-1) 565nm GREEN LED PANEL INDICATOR,
1K OHM 1/2 WATT RESISTOR,
GREEN DIFFUSED LENS, 6" WIRE LEADS.

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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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