



NOTES:

1. SSH-LXH3121 HOLDER, BLACK NYLON 94-V.
2. SSL-LX3044AD LED, LEADS CUT TO 5mm.
3. ANODE LEAD: LXP-WST26RDTQC, RED INSULATED LEAD, 28 AWG, -45mm STRIP BOTH ENDS 4mm, -104mm STRIP 4mm AND 6.0mm.
4. CATHODE LEAD: LXP-WST26BLTOC, BLACK INSULATED LEAD, 28 AWG, CUT 158mm LONG, STRIP 6.0mm BOTH ENDS.
5. MOUNTING HOLE: $\phi 0.170$ - $\phi 0.174$ "
6. LXP-RES 2000 1/2W, 2k OHM 1/2 WATT RESISTOR.
7. LXP-HEATSHRINK-4.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=28\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		605		nm	
FORWARD VOLTAGE		28		V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		30		mcd	$V_f=28\text{V}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	AMBER				
EPOXY LENS FINISH:	AMBER DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	30	mA
STEADY CURRENT	15	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.6	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X= ± 1 (± 0.039), 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= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION, MAX.= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXH312AD28V150

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T-3mm (T-1) 605nm AMBER LED PANEL INDICATOR,
2k OHM 1/2 WATT RESISTOR,
AMBER DIFFUSED LENS, 6" 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.

DRAWN BY: CHECKED BY: APPROVED BY: DATE: 11.8.00

KS/BC

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SCALE: N/A