



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		50		med	$I_f=20\text{mA}$
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	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

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

NOTES:

1. SSL-LX80113SUGD, GREEN LED.
2. SSH-RTF8080, BLACK HOLDER.
3. ANODE LEAD: LXP-WST24RDTC, 24 AWG STRANDED, RED INSULATION, CUT 150mm LONG, STRIP 3mm & 9.5mm.
4. CATHODE LEAD: LXP-WST24BLTC, 24 AWG STRANDED, BLACK INSULATION, CUT 150mm LONG, STRIP 3mm & 9.5mm.
5. CRIMP WIRE LEADS TO LED LEADS.
6. UV EPOXY TO RETAIN LED IN HOLDER.
7. 2 PCS. - 32mm, 1/16" BLACK HEATSHRINK TUBING.

*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= ^{+0.00}/_{-0.00} DECIMAL PRECISION, MAX= ^{+0.00}/_{-0.00} DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXH8080SUGD150

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T-8mm 574nm SUPER ULTRA GREEN PANEL INDICATOR LED,
GREEN DIFFUSED LED, 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.

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