

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=12\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		12.0	14.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		20		mcd	$V_f=12\text{V}$
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*	150	mA
STEADY CURRENT	11	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.2	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

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

NOTES:

- SSL-LX509F3GD-12V LED.
- SSH-LXH626 HOLDER, BLACK.
- ANODE LEAD: LXP-WST24RDT5-061, 24 AWG TIN STRANDED, NO OVERCOAT, UL1061, RED INSULATION, CUT 55mm LONG, STRIP 3.50 mm BOTH ENDS.
- CATHODE LEAD: LXP-WST24BLTS-061, 24 AWG TIN STRANDED, NO OVERCOAT, UL1061, BLACK INSULATION, CUT 55mm LONG, STRIP 3.50 mm BOTH ENDS.
- SOLDER OR CRIMP WIRES TO LED LEADS.



*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 DECIMAL PRECISION -0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXH626GD1245T2

T-5mm (T-1 3/4) LED, PANEL MOUNT INDICATOR,
565nm GREEN LED, 12 VOLTS,
WITH 1.75" WIRE LEADS, UL1061.

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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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SCALE: N/A

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