



NOTES:

1. SSH-LXH072 HOLDER, BLACK.
2. SSL-LX25789IGW LED, RED/GREEN BICOLOR.
3. SECURE LED TO HOLDER WITH UV ACRYLIC.
4. RED ANODE LEAD: LXP-WST24RDT0C, TINNED OVERCOAT 24 AWG. WIRE, CUT RED ISULATION 140mm LONG, STRIP 3mm & 9.5mm.
5. COMMON CATHODE LEAD: LXP-WST24BLT0C, TINNED OVERCOAT 24 AWG. WIRE, CUT BLACK INSULATION 140mm LONG, STRIP 3mm & 9.5mm.
6. GREEN ANODE LEAD: LXP-WST24GRTOC, TINNED OVERCOAT 24 AWG. WIRE, CUT GREEN INSULATION 140mm LONG, STRIP 3mm & 9.5mm.
7. HEATSHRINK TUBING, LXP-HEATSHRINK-2, LENGTH 1.5" TYP. (3 PCS.)
8. PANEL CUT OUT SIZE: 5.3mm x 11.0mm.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G)		10/9		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION	(R/G)	120/105	mW
DERATE FROM 25°C		-1.2	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-LXH072IGW3-150

2.3mm x 7mm RECTANGULAR PANEL INDICATOR LED, 635nm RED/565nm GREEN BICOLOR LED, 3 LEADED, MILKY WHITE DIFFUSED LENS, WITH 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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