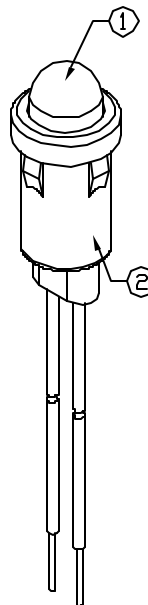
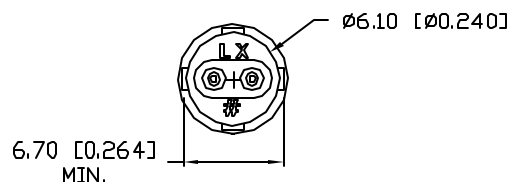
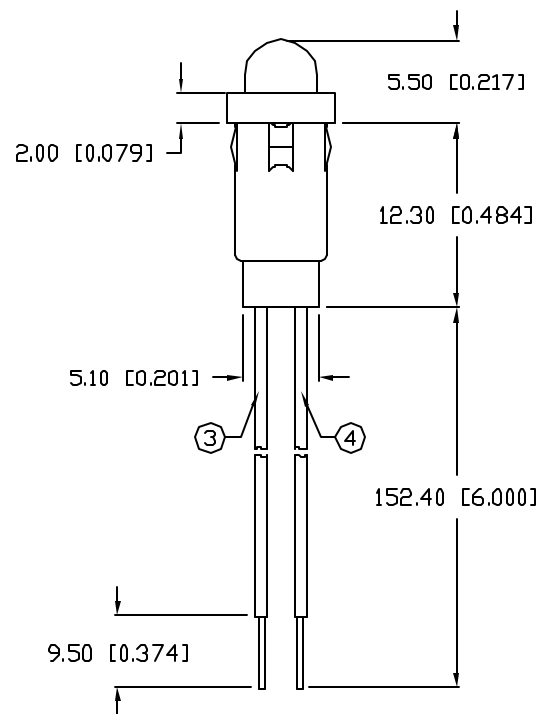


UNCONTROLLED DOCUMENT

Ø4.85 [Ø0.191] Ø7.30 [Ø0.287]



PANEL HOLE: Ø0.250"
PANEL THICKNESS: 0.030" MIN.

PART NUMBER
SSI-LXH600IGW-150

REV.
D

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	REVISED DIMMS.	8.22.94
B	E.C.N. #10109.	12.20.95
C	E.C.N. #10BRDR. & REDRAWN.	2.5.99
D	E.C.N. #10BRDR. & REDRAWN.	7.25.01

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)		2.1/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		25		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		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		105	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-LX509F3IGW LED.
- SSH-LXH600 HOLDER, BLACK.
- RED ANODE LEAD: LXP-WST24RDT0C, 24 AWG STRANDED, TOP OVERCOAT, RED INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
- GREEN ANODE LEAD: LXP-WST24BLT0C, 24 AWG STRANDED, TOP OVERCOAT, BLACK INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.

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*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.

D

PART NUMBER

SSI-LXH600IGW-150

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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.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw



T-5mm (T-1 3/4) LED, PANEL MOUNT INDICATOR,
RED/GREEN BICOLOR LED, MILKY WHITE DIFFUSED LENS,
WITH 6" WIRE LEADS.

DRAWN BY:

GT

CHECKED BY:

APPROVED BY:

DATE: 11.17.92

PAGE: 1 OF 1

SCALE: N/A

Mouser Electronics

Authorized Distributor

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