



**THE DATASHEET OF  
SSI-LXH072SRD-150**



PART NUMBER	SSI-LXH072SRD-150		REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.	
04.11.11	#10BRDR & REDRAWN/#11696.		REV.	A

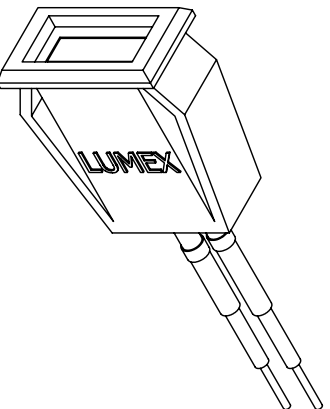
ELECTRO-OPTICAL CHARACTERISTICS $I_A=25^\circ\text{C}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.8	2.3	$V_f$	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	4.0			$V_r$	
ANAL INTENSITY		50		med	$I_f=20\text{mA}$
VIEWING ANGLE		110		$2\theta$ theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

2.30 [0.091]

1.20±0.15 [0.047±0.006]

14.00 [0.551]

152.40  $\pm 0.00$   
[6.000  $\pm 0.001$ ]



LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX
* I<10US		

NOTES:

1. SSH-LXH072 HOLDER, BLACK.
2. SSL-LX25763SRD LED, RED.
3. SECURE LED TO HOLDER WITH GLUE.
4. ANODE LEAD, RED 24 AWG, LXP-WSTZ4R0T0C.
5. CUT 140mm, STRIP 3mm & 9.5mm.
6. CATHODE LEAD, BLACK 24 AWG, LXP-WSTZ4R1T0C.
7. HEAT SHRINK TUBING, LXP-HEATSHRINK-2, LENGTH 1.5" TYP. (2 PLS.)
7. PANEL CUT OUT SIZE: 5.3mm x 11.0mm.

X±H1 (+0.039), X-X±H0.5 (+0.020), XXX±H0.25 (+0.010), XXXX±H0.127 (+0.005), LEAD SIZE±H0.05 (+0.002), LEAD LENGTH±H0.75 (+0.030), MIN±H0.001 PRECISION MAX±H0.001 PRECISION  
 HELEN ROAD  
 E. I. L 60067-6976  
 +1.847.359.2790  
 1.847.359.6538  
 WWW.LUXEY.COM


2.3x7mm RECTANGULAR PANEL INDICATOR LED, 660nm SUPER RED LED, RED DIFFUSED, 6" WIRE LEADS.  
 \*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT\*\*  
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DATE:	04.11.11	DRAWN BY:	AB
PAGE:	1 OF	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		

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