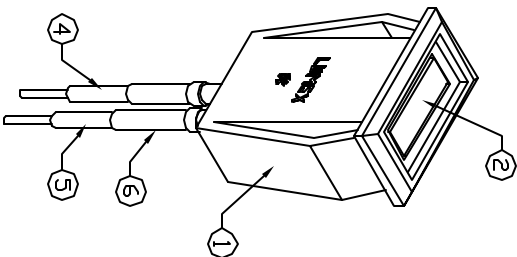
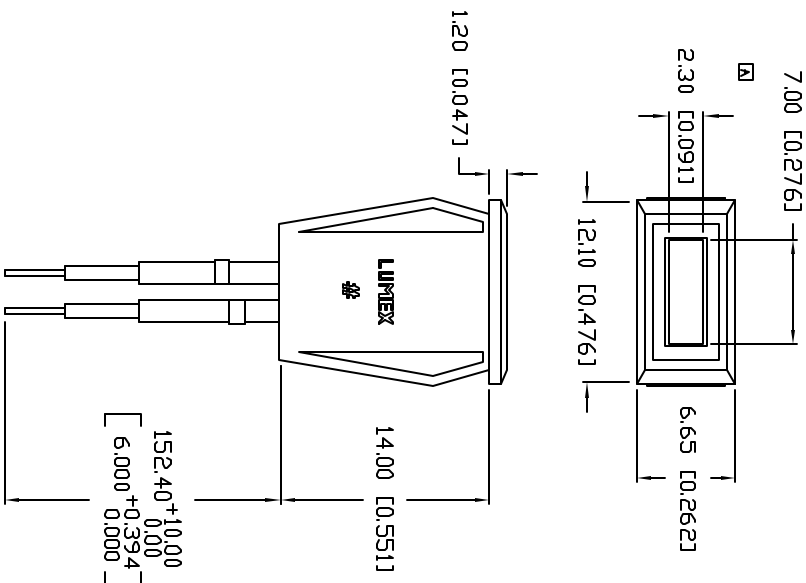


PART NUMBER			REV.
SSI-LXH072ID-150			A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #10702.	1.10.01	



NOTES:

1. SSH-LXH072 HOLDER, BLACK.
2. SSL-LX25783ID LED, RED.
3. SECURE LED TO HOLDER WITH UV ACRYLIC.
4. ANODE LEAD: RED 24 AWG, LXP-WST24RDT0C, CUT 140mm, STRIP 3mm & 9.5mm.
5. CATHODE LEAD: BLACK 24 AWG, LXP-WST24BLT0C, CUT 140mm, STRIP 3mm & 9.5mm.
6. HEAT SHRINK TUBING, LXP-HEATSHRINK-2, LENGTH 1.5" TYP. (2 PLS.)
7. PANEL CUT OUT SIZE: 5.3mm x 11.0mm.

ELECTRO-OPTICAL CHARACTERISTICS $I_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE		5.0		V_r	$I_f=20\text{mA}$
AXIAL INTENSITY		15		mcd	
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:		RED			
EPOXY LENS FINISH:		RED DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	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/2=±0.5 (+0.020), X/10=±0.25 (+0.010), XXX=±0.127 (+0.005), LEAD SIZE=±0.08 (+0.002), LEAD LENGTH=±0.75 (+0.030), MIN= -0.00

PART NUMBER

SSI-LXH072ID-150

REV.

A

2.3mm x 7mm RECTANGULAR PANEL INDICATOR LED,
635nm RED LED, RED DIFFUSED LENS.

CONFIDENTIAL INFORMATION

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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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CT			1.5.99
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			SCALE: N/A