



- NOTES:
- SSH-LXH072 HOLDER, BLACK.
 - SSI-LX25783ID LED, RED.
 - SECURE LED TO HOLDER WITH UV ACRYLIC.
 - ANODE LEAD: GREEN 24 AWG, LXP-WST24GRTOG, CUT 215mm, STRIP ONE END 3mm.
 - CATHODE LEAD: BLACK 24 AWG, LXP-WST24BLTDC, CUT 220mm, STRIP ONE END 3mm.
 - HEATSHRINK TUBING, LXP-HEATSHRINK-2, LENGTH 1.5" TYP. (2 PCS.)
 - AMP CONNECTOR #640441-2, LXP-CONN-640441-2.
 - HEATSHRINK TUBING, LXP-HEATSHRINK-3, 15mm LENGTH (1 PC.) LOCATED NEAR MIDDLEPOINT OF LEAD LENGTHS.
 - PANEL CUT OUT SIZE: 5.3mm x 11.0mm.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (+0.039), X±=±0.5 (+0.010), X.XX=±0.25 (+0.010), X.XX±=±0.127 (+0.005).

REV. H

PART NUMBER
SSI-LXH072ID-23240

2.3mm x 7mm RECTANGULAR PANEL INDICATOR LED,
635nm RED LED, RED DIFFUSED LENS,
WITH 9" WIRE LEADS AND AMP CONNECTOR.

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10166./	5-14-96
B	E.C.N. #10167./	5-17-96
C	E.C.N. #10232./	8-27-96
D	E.C.N. #10253./	10-2-96
E	E.C.N. #10280./	12-3-96
F	E.C.N. #10BRDR. & REDRAWN.	1-5-99
G	E.C.N. #10513.	5-5-99
H	E.C.N. #10702.	1.10.01

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	635 (RED)	2.0	2.5	nm	
FORWARD VOLTAGE	5.0			V _f	If=100µA
REVERSE VOLTAGE				V _r	If=20mA
AXIAL INTENSITY		15		med	
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.	+280	°C
2.0mm FROM BODY		
* I<10µS		
	3 SEC. MAX	

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REMARK: 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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PAGE: 1 OF 1

SCALE: N/A