



REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN.	1.5.99
B	E.C.N. #10702.	1.10.01

Ⓜ ELECTRO-OPTICAL CHARACTERISTICS I_A=25°C I_F=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED) 565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V _F	I _F =100μA
REVERSE VOLTAGE		5.0		V _R	I _F =20mA
AXIAL INTENSITY (R/G)		4/9		md	
VIEWING ANGLE		110		Zx theta	
EMITTED COLOR:		RED/GREEN			
EPOXY LENS FINISH:		MILKY WHITE DIFFUSED			

Ⓜ LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT		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<10μs

- NOTES:
- SSH-LXH072 HOLDER, BLACK.
 - SSL-LX25783HGW LED, RED/GREEN BICOLOR.
 - SECURE LED TO HOLDER WITH UV ACRYLIC.
 - PANEL CUT OUT SIZE: 5.3mm x 11.0mm.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=#1 (+0.039), X±=#0.5 (+0.020), X±=#1.25 (+0.010), XXX=#0.127 (+0.005), LEAD SIZE=#0.08 (+0.002), LEAD LENGTH=#0.75 (+0.030), MAX = +0.00 -0.00 DECIMAL PRECISION

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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			12.20.94
			PAGE: 1 OF 1
			SCALE: N/A

PART NUMBER
SSI-LXH072HGW

2.3mm x 7mm RECTANGULAR PANEL INDICATOR LED,
700nm RED/565nm GREEN BICOLOR LED,
MILKY WHITE DIFFUSED LENS.

REV. B