



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	565			nm	
FORWARD VOLTAGE	2.2	2.6		V _F	I _F =100µA
REVERSE VOLTAGE	5.0			V _R	I _F =20mA
AXIAL INTENSITY		9		med	
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:		GREEN			
EPOXY LENS FINISH:		GREEN DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	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<10µs		

- NOTES:
- SSH-LXH072 HOLDER, BLACK.
 - SSL-LX28783GD LED, GREEN.
 - SECURE LED TO HOLDER WITH UV ACRYLIC.
 - ADD SILICON TO BOTTOM OF LED BY LEADS BEFORE INSERTING INTO HOLDER.
 - PANEL CUT OUT SIZE: 5.3mm x 11.0mm.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=#1 (+0.030), X#=#0.5 (+0.020), X#X=#0.25 (+0.010), XXX=#0.127 (+0.005), LEAD SIZE=#0.08 (+0.002), LEAD LENGTH=#0.75 (+0.030), MIN=-0.00

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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			12.21.94
			PAGE: 1 OF 1
			SCALE: N/A

REV. B	PART NUMBER SSI-LXH072GD-WR
2.3mm x 7mm RECTANGULAR PANEL INDICATOR LED, 565nm GREEN LED, GREEN DIFFUSED LENS, SPASH RESISTANT.	