



PART NUMBER	SSI-LXH072GD	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
01.11.95	UPDATED SPECS.		A
01.05.99	E.C.N. #10BRDR. & REDRAWN.		B
01.10.01	E.C.N. #10702.		C
04.08.11	E.C.N. #11686.		D

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_f=100\mu\text{A}$
AXIAL INTENSITY		9		mcd	$I_f=20\text{mA}$
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 TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

\* t<10uS

NOTES:

- SSH-LXH072 HOLDER, BLACK.
- SSL-LX25783GD LED, GREEN.
- ADD SILICONE TO BOTTOM OF LED LEADS BEFORE INSERTING INTO HOLDER.
- SECURE LED TO HOLDER WITH GLUE.
- PANEL CUT OUT SIZE: 5.3mm x 11.0mm.

# Mouser Electronics

Authorized Distributor

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Lumex:

SSI-LXH072GD