



**THE DATASHEET OF
SSI-LXH312GD-250**



PART NUMBER	SSI-LXH312GD-250	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
10.04.11	E.C.N. #10BRDR.	REV.	A

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

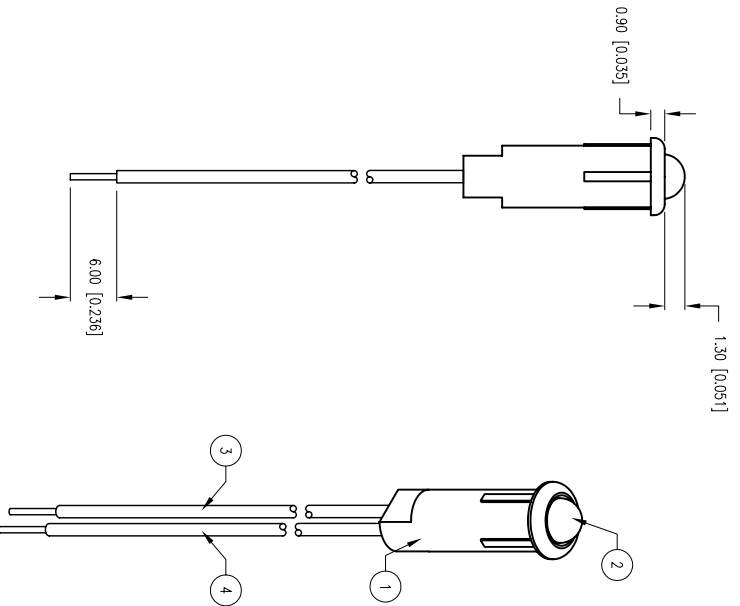
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V _f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V _r	
AXIAL INTENSITY		30		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2 \times theta	
EMITTED COLOR:		GREEN			
EPOXY LENS FINISH:		GREEN DIFFUSED			

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
OPERATING TEMP.	+260	°C
SOLDERING TEMP.		
2.0mm FROM BODY		3 SEC. MAX
* $t < 10\mu\text{s}$		

NOTES:

- SSH-LXH3121 HOLDER, BLACK NYLON 94-V.
- SSL-LX30449 LED, LEADS CUT TO 5mm.
- ANODE LEAD: LXP-W5726ROTIC, RED INSULATED LEAD, 26 AWG, CUT 260mm LONG, STRIP 2.5mm & 6.0mm.
- CATHODE LEAD: LXP-W5726BLTIC, BLACK INSULATED LEAD, 26 AWG, CUT 260mm LONG, STRIP 2.5mm & 6.0mm.
- MOUNTING HOLE: $\phi 0.170''-0.174''$



0.00
0.04
0.04
0.04
0.00

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HELEN ROAD
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T-3mm LED BLACK PANEL INDICATOR WITH 9.9" WIRE LEADS, 565nm GREEN LED, GREEN DIFFUSED LENS.
 THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT
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DATE:	10.04.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		

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