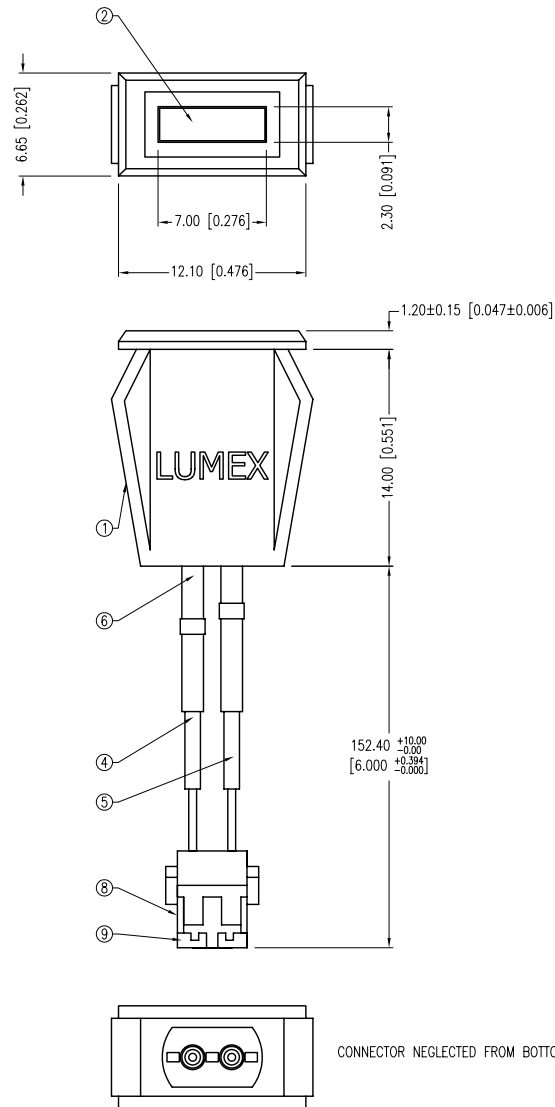


PART NUMBER	SSI-LXH072SUGD1157	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.11.11	E.C.N. #10BRDR. & REDRAWN/#11686.		A



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		574		nm
FORWARD VOLTAGE		2.2	2.6	V_f
REVERSE VOLTAGE	5.0			V_r
AXIAL INTENSITY		20		mcd
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	110	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC. MAX

NOTES:

- SSH-LXH072 HOLDER, BLACK.
- SSL-LX25783SUGD LED, GREEN.
- SECURE LED TO HOLDER WITH GLUE.
- ANODE LEAD: RED 24 AWG, LXP-WST24RDT0C, CUT 140mm, STRIP 3mm & 5mm.
- CATHODE LEAD: BLCK 24 AWG, LXP-WST24BLT0C, CUT 140mm, STRIP 3mm & 5mm.
- HEAT SHRINK TUBING, LXP-HEATSHRINK-2, LENGTH 1.5" TYP. (2 PLS.)
- PANEL CUT OUT SIZE: 5.3mm x 11.0mm.
- JST CONNECTOR, PHNR-02-H
- JST CRIMPS, SPH-002T-P0.5L (2 PCS.)

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $\begin{smallmatrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{smallmatrix}$ MAX= $\begin{smallmatrix} +\text{DECIMAL PRECISION} \\ -\text{DECIMAL PRECISION} \end{smallmatrix}$

UNCONTROLLED DOCUMENT



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

2.3x7mm RECT PANEL INDICATOR LED, 574nm GREEN LED, GREEN DIFFUSED, 6" WIRE LEADS, JST CONNECTOR.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	04.11.11	DRAWN BY:	AB
PAGE:	1 OF	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		