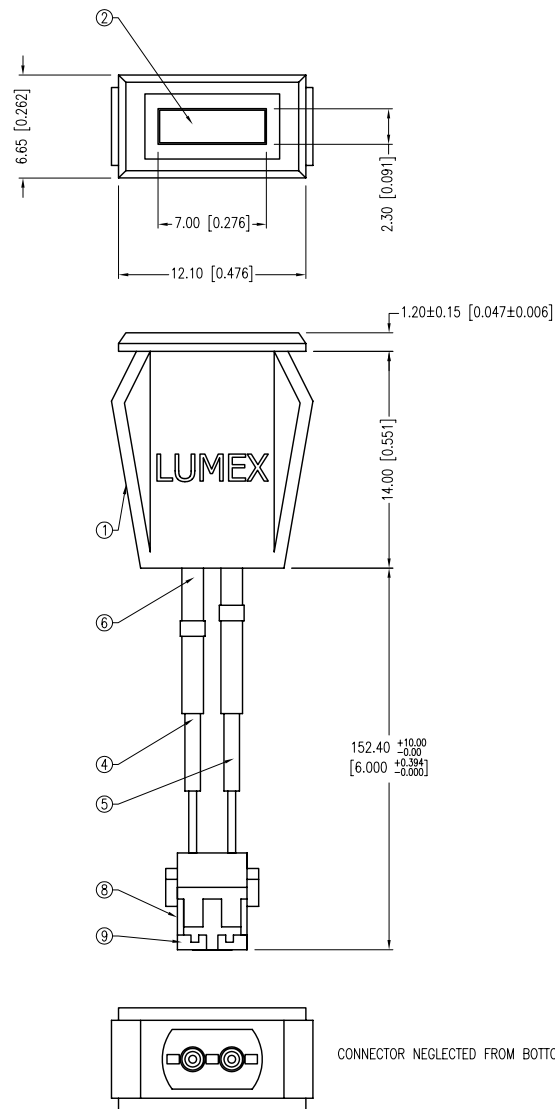
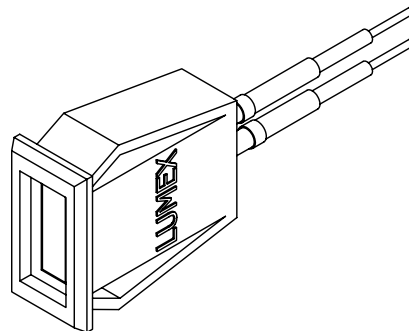


PART NUMBER	SSI-LXH072SYD11575	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.11.11	E.C.N. #10BRDR. & REDRAWN/#11686.		A



CONNECTOR NEGLECTED FROM ISO VIEW



CONNECTOR NEGLECTED FROM BOTTOM VIEW

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		590		nm
FORWARD VOLTAGE		2.1	2.5	V_f
REVERSE VOLTAGE	5.0			V_r
AXIAL INTENSITY		25		mcd
VIEWING ANGLE		110		2x theta
EMITTED COLOR:	YELLOW			
EPOXY LENS FINISH:	YELLOW DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	110	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	-55 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-55 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC. MAX

* $t < 10\text{uS}$

NOTES:

1. SSH-LXH072 HOLDER, BLACK.
2. SSL-LX25783SYD LED, GREEN.
3. SECURE LED TO HOLDER WITH UV ACRYLIC.
4. ANODE LEAD: RED 24 AWG, LXP-WST24RTOC, CUT 140mm, STRIP 3mm & 5mm.
5. CATHODE LEAD: BLCK 24 AWG, LXP-WST24BLTOC, CUT 140mm, STRIP 3mm & 5mm.
6. HEAT SHRINK TUBING, LXP-HEATSHRINK-2, LENGTH 1.5" TYP. (2 PLS.)
7. PANEL CUT OUT SIZE: 5.3mm x 11.0mm.
8. JST CONNECTOR, PHNR-02-H
9. JST CRIMPS, SPH-002T-P0.5L

*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= $\begin{smallmatrix} \text{DECIMAL PRECISION} \\ +0.00 \end{smallmatrix}$

UNCONTROLLED DOCUMENT



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2.3x7mm RECT PANEL INDICATOR LED, 590nm YELLOW LED, YELLOW 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]		