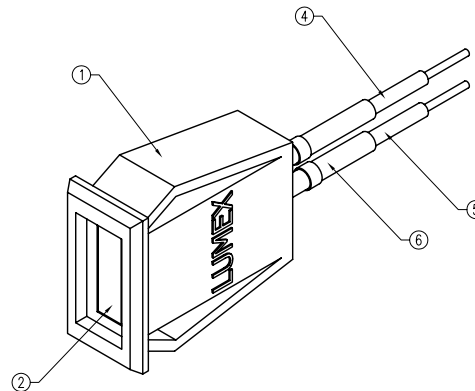
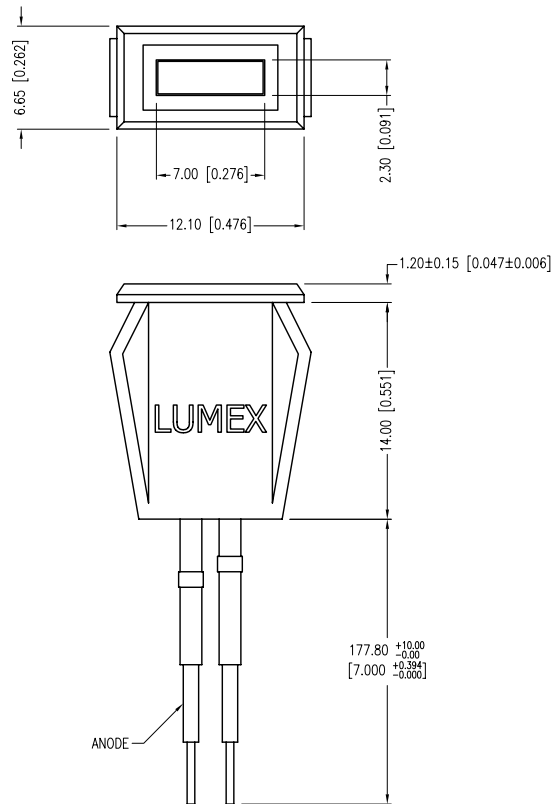


PART NUMBER	SSI-LXH072GD-180	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.08.11	E.C.N. #10BRDR. & REDRAWN/11686.		A

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY		9		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

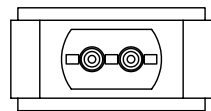
LIMITS OF SAFE OPERATION AT  $25^{\circ}\text{C}$ 

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	14	mA
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM $25^{\circ}\text{C}$	-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

\*  $t < 10\mu\text{s}$ 

## A NOTES:

- SSH-LXH072 HOLDER, BLACK.
- SSL-LX25783GD LED, GREEN.
- SECURE LED TO HOLDER WITH GLUE.
- ANODE LEAD: RED 24 AWG, LXP-WST24RDT0C, CUT 170mm, STRIP 3mm & 9.5mm.
- CATHODE LEAD: BLCK 24 AWG. LXP-WST24BLT0C, CUT 170mm, STRIP 3mm & 9.5mm
- HEAT SHRINK TUBING, LXP-HEATSHRINK-2, LENGTH 1.5" TYP. (2 PLS.)
- PANEL CUT OUT SIZE: 5.3mm x 11.0mm.



\*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=  $\begin{matrix} \text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$  MAX=  $\begin{matrix} \text{DECIMAL PRECISION} \\ +0.00 \end{matrix}$

UNCONTROLLED DOCUMENT



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2.3mm x 7mm RECTANGULAR PANEL INDICATOR LED, 565nm GREEN LED, GREEN DIFFUSED, 7" WIRE LEADS.

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

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DATE:	04.08.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		(Pb)

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