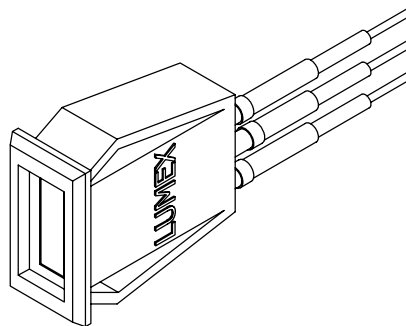
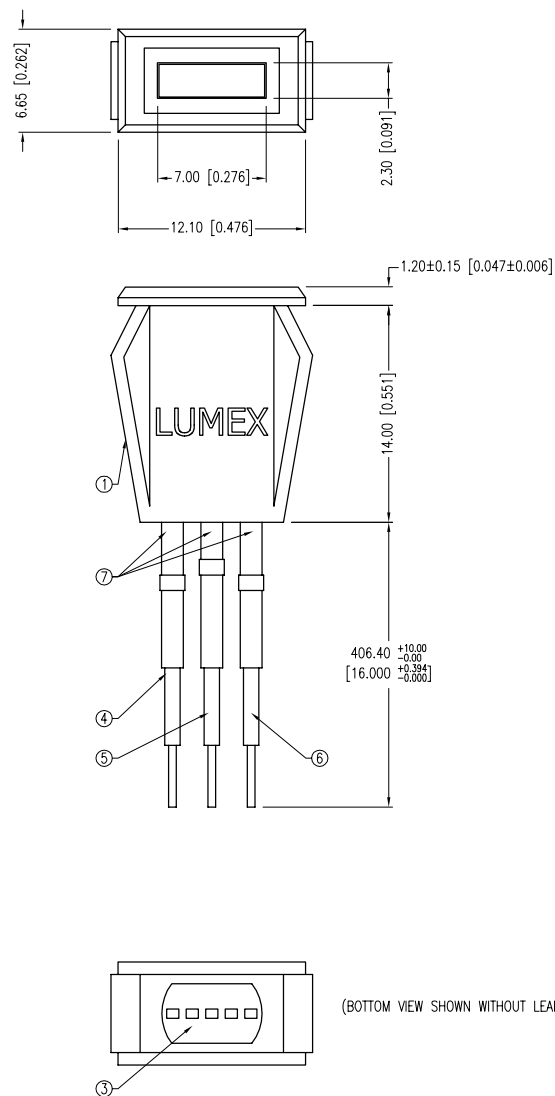


PART NUMBER	SSI-LXH072HGW3-406	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.08.11	E.C.N. #10BRDR. & REDRAWN/11686.		A

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (R/G)		700/565		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY (R/G)		4/9		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION (R/G)	120/105	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

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

NOTES:

- SSH-LXH072 HOLDER, BLACK.
- SSL-LX25789HGW LED, RED/GREEN BICOLOR.
- SECURE LED TO HOLDER WITH GLUE.
- RED ANODE LEAD: LXP-WST24RDT0C, TINNED OVERCOAT 24 AWG. WIRE, CUT RED INSULATION 400mm LONG, STRIP 3mm & 9.5mm.
- COMMON CATHODE LEAD: LXP-WST24BLT0C, TINNED OVERCOAT 24 AWG. WIRE, CUT BLACK INSULATION 400mm LONG, STRIP 3mm & 9.5mm.
- GREEN ANODE LEAD: LXP-WST24GRT0C, TINNED OVERCOAT 24 AWG. WIRE, CUT GREEN INSULATION 400mm LONG, STRIP 3mm & 9.5mm.
- HEATSHRINK TUBING, LXP-HEATSHRINK-2, LENGTH 1.5" TYP. (3 PCS.)
- 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= +DECIMAL PRECISION MAX= -DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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2.3x7mm RECTANGULAR PANEL INDICATOR, 700nm/565nm BICOLOR, 3 LEADED, MILKY WHITE, 16" 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)