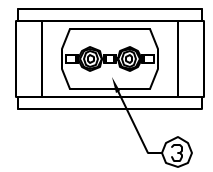
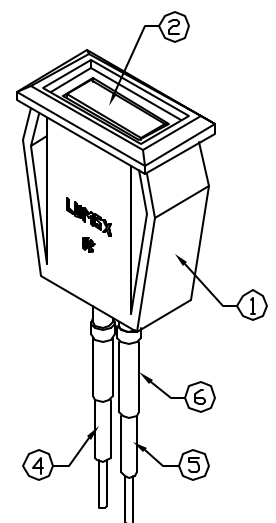
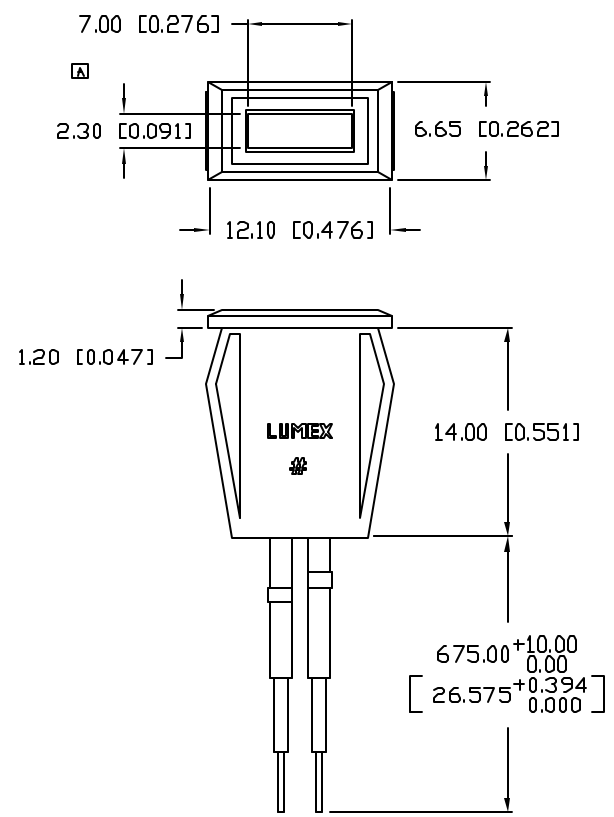


UNCONTROLLED DOCUMENT

PART NUMBER
SSI-LXH072GD-675

REV.
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10702.	1.10.01
B	E.C.N. #10807.	11.2.01



NOTES:

- SSH-LXH072 HOLDER, BLACK.
- SSL-LX257B3GD LED, GREEN.
- SECURE LED TO HOLDER WITH UV ACRYLIC.
- ANODE LEAD: RED 24 AWG, LXP-WST24RDT0C, CUT 660mm, STRIP 3mm & 9.5mm.
- CATHODE LEAD: BLCK 24 AWG, LXP-WST24BLT0C, CUT 660mm, 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.

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	$I_f=100\mu\text{A}$
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°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
SOLDERING TEMP.	+260	°C
	2.0mm FROM BODY	3 SEC. MAX

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

*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=+0.00/-0.00, MAX=+0.00/-0.00

UNCONTROLLED DOCUMENT

REV. B	PART NUMBER SSI-LXH072GD-675
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2.3mm x 7mm RECTANGULAR PANEL INDICATOR LED,
565nm GREEN LED, GREEN DIFFUSED LENS,
WITH 27" WIRE LEADS.

RELIABILITY NOTE
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

DRAWN BY: GT	CHECKED BY:	APPROVED BY:	DATE: 3.23.99
			PAGE: 1 OF 1
			SCALE: N/A