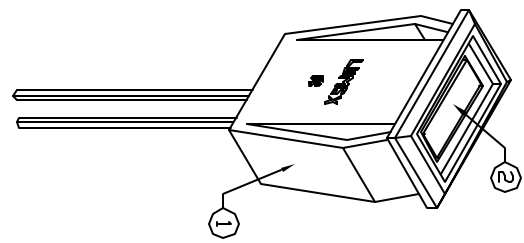
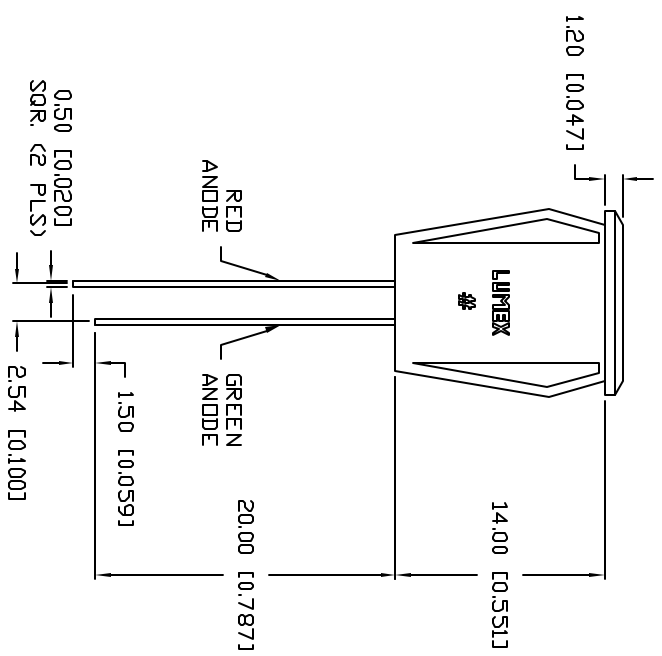
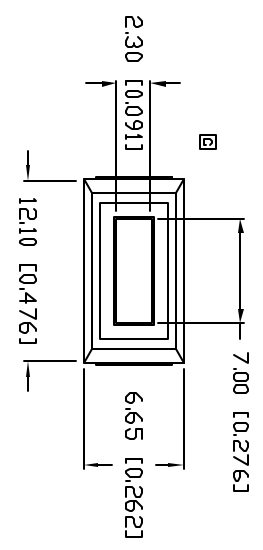


PART NUMBER		REV.
SSI-LXH0721GW		C
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	UPDATED SAFE OPERATING SPECS.	12.20.94
B	E.C.N. #10BRDR. & REDRAWN.	1.5.99
C	E.C.N. #10702.	1.10.01



- NOTES:
1. SSH-LXH072 HOLDER, BLACK.
 2. SSL-LX25731GW LED, RED/GREEN BICOLOR.
 3. SECURE LED TO HOLDER WITH UV ACRYLIC.
 4. 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		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (V _f)		2.0/2.2	2.5/2.6	V _f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE		5.0		V _r	
AXIAL INTENSITY (R/G)		15/9		md	$I_f=20\text{mA}$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:		RED/GREEN			
EPOXY LENS FINISH:		MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	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), XX=±0.5 (+0.020), XXX=±0.25 (+0.010), XXXX=±0.127 (+0.005), LEAD SIZE=±0.05 (+0.002), LEAD LENGTH=±0.75 (+0.030), MIN= -0.00

CONFIDENTIAL INFORMATION

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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.

REV.
C

PART NUMBER
SSI-LXH0721GW

2.3mm x 7mm RECTANGULAR PANEL INDICATOR LED,
635nm RED/565nm GREEN BICOLOR LED,
MILKY WHITE DIFFUSED LENS.



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SCALE: N/A