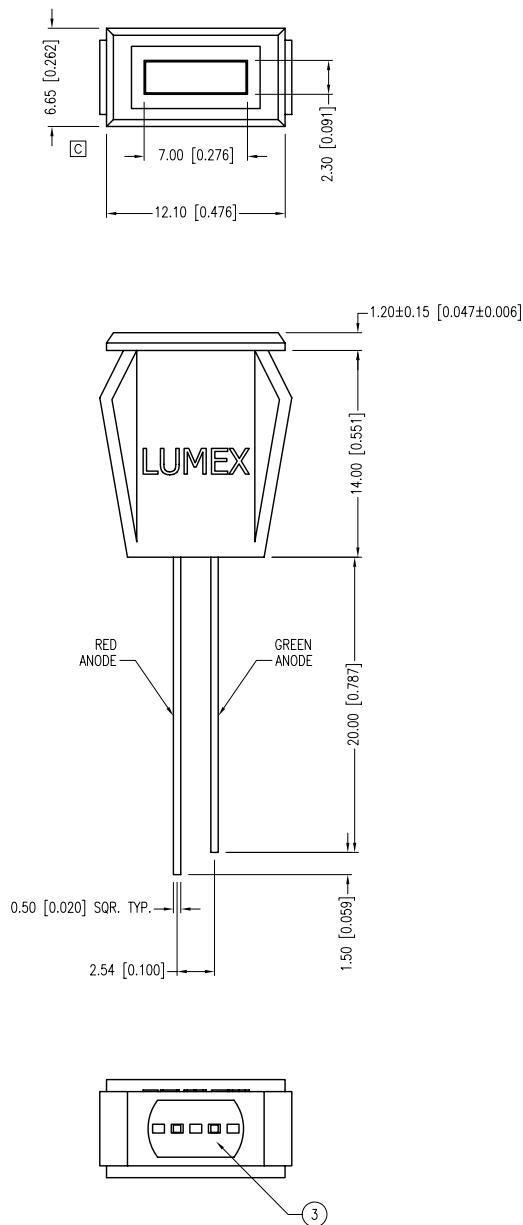


PART NUMBER	SSI-LXH072IGW	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.20.94	E.C.N. #10BRDR. & REDRAWN.		A
01.05.99	E.C.N. #10702.		B
01.10.01	E.C.N. #11103.		C
04.11.11	E.C.N. #10BRDR. & REDRAWN/#11686.		D

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635/565		nm	
FORWARD VOLTAGE		2.0/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		15/9		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		110		$2\times \theta$	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

A LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30/25	mA
POWER DISSIPATION	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-LX25783IGW LED, RED/GREEN BICOLOR.
- SECURE LED TO HOLDER WITH GLUE.
- 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= $\begin{smallmatrix} +0.00 \\ -0.00 \end{smallmatrix}$ DECIMAL PRECISION MAX= $\begin{smallmatrix} +0.00 \\ -0.00 \end{smallmatrix}$ DECIMAL PRECISION

UNCONTROLLED DOCUMENT

 LUMEX Creating LED and LCD Solutions Together™	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM	2.3mm x 7mm RECTANGULAR PANEL INDICATOR LED, 635nm RED/565nm GREEN LED, MILKY WHITE DIFFUSED.		DATE: 04.11.11	DRAWN BY: AB
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.		PAGE: 1 OF 1	CHKD BY: KF
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				UNIT: mm [INCH]	Ⓟ

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