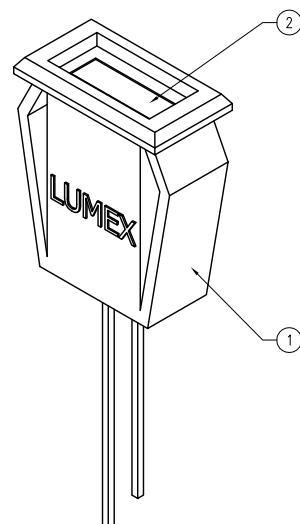


PART NUMBER	SSI-LXH072ID			REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS			REV.	
01.05.99	E.C.N. #10BRDR. & REDRAWN.			A	
01.10.01	E.C.N. #10702.			B	
03.08.04	E.C.N. #11103.			C	
04.11.11	E.C.N. #10BRDR. & REDRAWN/#11686.			D	

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



LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	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

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

[C] NOTES:

1. SSH-LXH072 HOLDER, BLACK.
2. SSL-LX25783ID LED, RED.
3. SECURE LED TO HOLDER WITH GLUE.
4. PANEL CUT OUT SIZE: 5.3mm x 11.0mm.
5. QC TO SQUEEZE BOTH EARS OF HOLDER TO MAKE SURE THAT THEY CANNOT BREAK.
6. LUMEX MARKING CAN BE ON EITHER SIDE OF THE HOLDER HAVING NO SIGNIFICANCE TO LED POLARITY.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X = \pm 1$ (± 0.039), $X.X = \pm 0.5$ (± 0.020), $X.XX = \pm 0.25$ (± 0.010), $X.XXX = \pm 0.127$ (± 0.005). LEAD SIZE = ± 0.05 (± 0.002), LEAD LENGTH = ± 0.75 (± 0.030). MIN = $^{+0.00}$ DECIMAL PRECISION MAX. = $^{+0.00}$ DECIMAL PRECISION



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2.3mm x 7mm RECTANGULAR PANEL INDICATOR LED, 635nm RED LED, RED DIFFUSED LENS.

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

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DATE: 04.11.11	DRAWN BY: AB
PAGE: 1 OF 1	CHKD BY: KF
SCALE: NTS	APRVD BY: SS
UNIT: mm [INCH]	NO

DATE: 04.11.11	DRAWN BY: AB
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