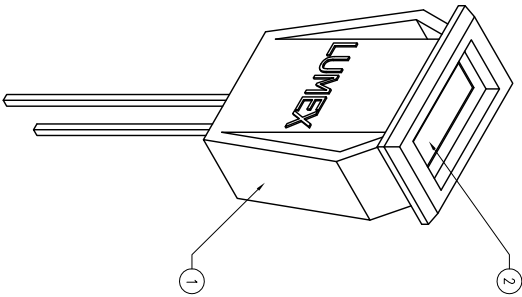
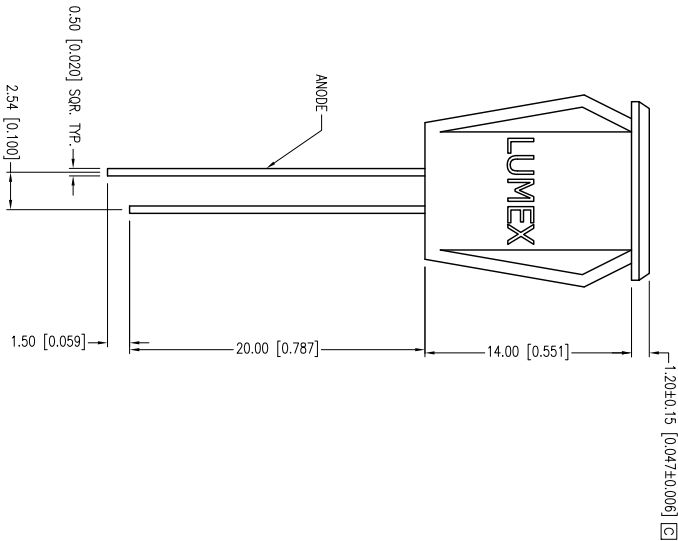
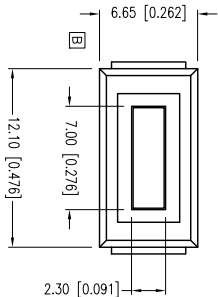


PART NUMBER		SSI-LXH072ID		REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS			REV.	
01.05.99	E.C.N. #10BRDR. & REDRAWN.			A	
01.10.01	E.C.N. #10702.			B	
03.08.04	E.C.N. #11103.			C	
04.11.11	E.C.N. #10BRDR. & REDRAWN./#11686.			D	

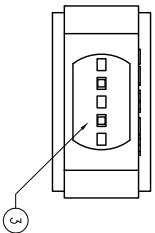


ELECTRO-OPTICAL CHARACTERISTICS $I_A=25^\circ\text{C}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH	635			nm
FORWARD VOLTAGE	2.0		2.5	V_f
REVERSE VOLTAGE	5.0			V_r
AXIAL INTENSITY	15			md
VIEWING ANGLE	110			2θ theta
EMITTED COLOR:	RED			
EPoxy LENS FINISH:	RED DIFFUSED			

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	-12			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
* I<10.0A5				

NOTES:

1. SSI-LXH072 HOLDER, BLACK.
2. SSI-LX25753D LED, RED.
3. SECURE LED TO HOLDER WITH GLUE.
4. PANEL CUT OUT SIZE: 5.5mm 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=±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.= -0.000, DECIMAL PRECISION MAX.= +0.020, 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:		DRAWN BY:	
04.11.11		AB	
PAGE: 1 OF 1		CHKD BY:	
SCALE: NTS		APRVD BY:	
UNIT: mm [INCH]		SS	

UNCONTROLLED DOCUMENT