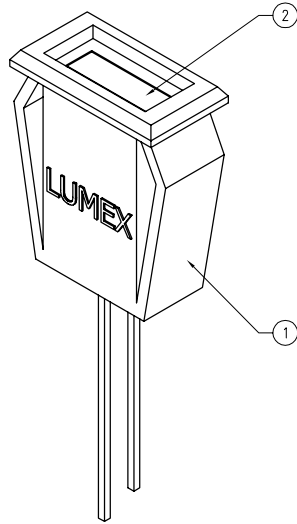
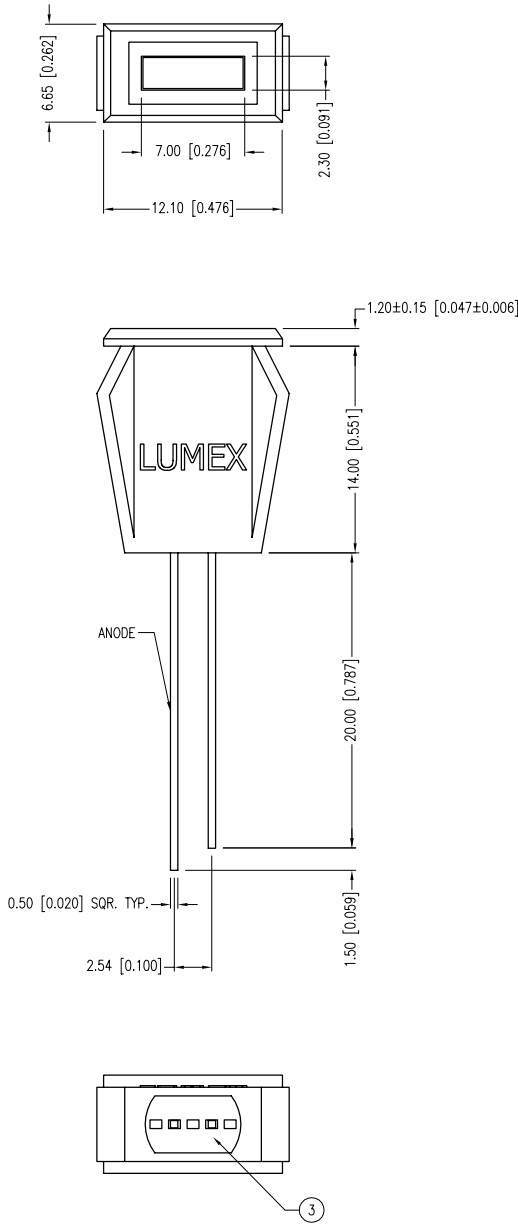


PART NUMBER	SSI-LXH072HUSBW	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
04.08.11	E.C.N. #10BRDR. & REDRAWN/#11686.	A	



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (R/B)		700/470		nm	
FORWARD VOLTAGE (R/B)		2.0/3.5	2.5/4.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY (R/B)		1.5/50		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		150		2x theta	
EMITTED COLOR:	RED/BLUE				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* (R/B)	130/100	mA
STEADY CURRENT (R/B)	25/30	mA
POWER DISSIPATION (R/B)	63/120	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER ESD HANDLING PROCEDURES WHEN
WORKING WITH THIS PART.
ESD CLASSIFICATION: CLASS 2 BASED ON MIL-STD 883E.

NOTES:

- 1. SSH-LXH072 HOLDER, BLACK.
- 2. SSL-LX25783HUSBW LED, RED/BLUE BICOLOR.
- 3. SECURE LED TO HOLDER WITH GLUE.
- 4. PANEL CUT OUT SIZE: 5.3mm x 11.0mm.