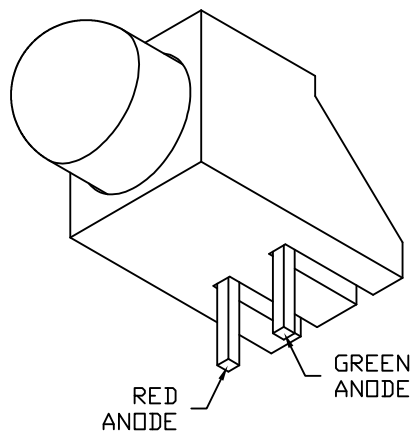
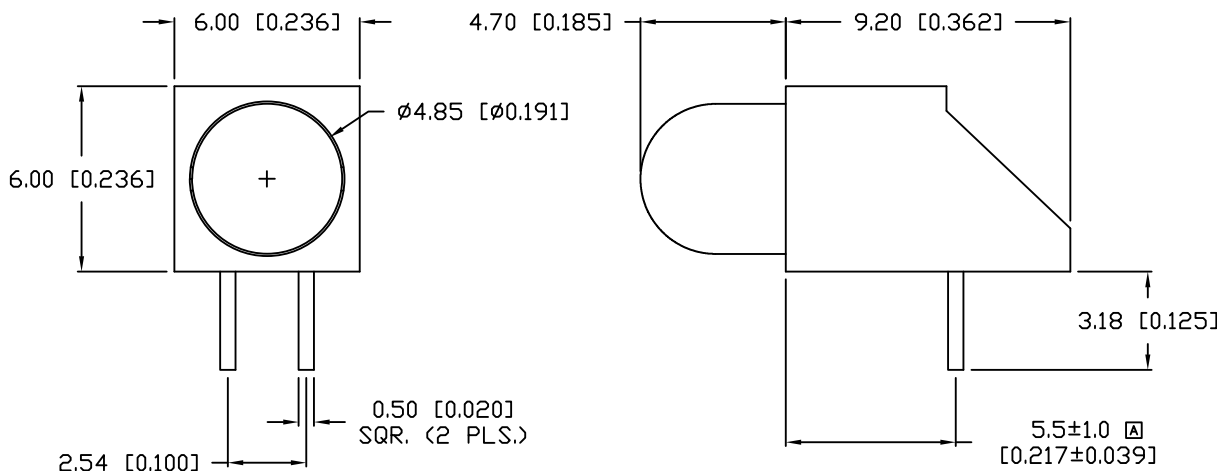




PART NUMBER			REV.
SSF-LXH100SRSGW-01			C
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #10301.	1.30.97	
B	E.C.N. #10BRDR. & REDRAWN IN 3D.	5.14.02	
C	ECN-Lumex201600012	05.25.16	

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	660 (RED)			nm	$I_f=20\text{mA}$
	565 (GREEN)			nm	
FORWARD VOLTAGE (Y/G)	1.7/2.2	2.2/2.6		V_f	$I_f=20\text{mA}$
REVERSE VOLTAGE (Y/G)		4.0/5.0		V_r	$I_r=100\mu\text{A}$
LUMINOUS INTENSITY (Y/G)	140/30			mcd	$I_f=20\text{mA}$
VIEWING ANGLE (Y/G)	60			2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

ⓐ LIMITS OF SAFE OPERATION AT 25°C PERCHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
FORWARD CURRENT	(R/G)	30/25	mA
POWER DISSIPATION	(R/G)	100/105	mW
DERATE FROM 25°C		-1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP. (NOTES.3)		+260/3 SEC. MAX	$^\circ\text{C}$

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

NOTES:

1. SSL-LX509F3SRSGW, RED/GREEN LED.
2. SSH-LXH100, BLACK HOLDER.
- ⓑ 3. 2mm BELOW PACKAGE BASE

*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.=+DECIMAL PRECISION MAX.=+0.00 -DECIMAL PRECISION

REV.	PART NUMBER
C	SSF-LXH100SRSGW-01

T-5mm (T-1 3/4) LED, RIGHT ANGLE FAULT INDICATOR,
RED/GREEN BICOLOR LED, MILKY WHITE DIFUSED LENS.

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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.

		425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE: 800-278-5666 FAX: 630-315-2150 WEB: WWW.LUMEX.COM	
		DRAWN BY: E.C.	CHECKED BY: G.Y.
APPROVED BY: Ray		DATE: 05.25.16 PAGE: 1 OF 1 SCALE: N/A	