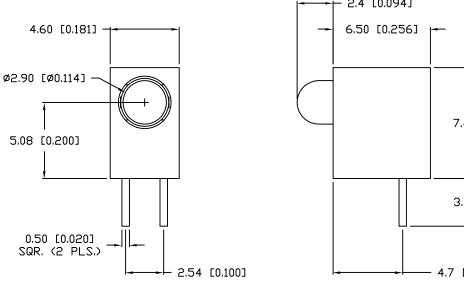
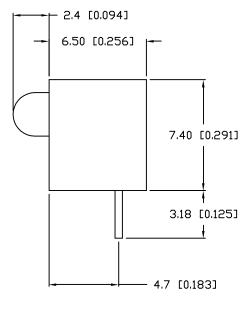
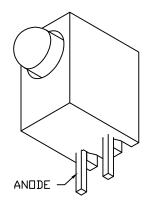
SSF-LXH103ID







ELECTRO-OPTICAL CH	ARACTERIS	STICS TA=25°C		$I_f = 20 \text{mA}$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.1	2.6	٧f	
REVERSE VOLTAGE	5.0			v_r	I _r =100μΑ
AXIAL INTENSITY		30		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		60		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	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO +85	•C
SOLDERING TEMP.	+ 260	. C
2.0mm FROM BODY		3 SEC. MAX

^{*} t<10µS

NOTES:

- 1. SSH-LXH103 HOLDER.
- 2. SSL-LX3044ID LED.

UNCONTROLLED DOC *UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION MAX.= +0.00 -DECIM

REV. PART NUMBER SSF-LXH103ID

> T-3mm SINGLE LEVEL, FAULT INDICATOR, HIGH INTENSITY RED LED. RED DIFFUSED.

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.



CT

290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com

TW WEB: www.lumex.com.tw CHECKED BY: APPROVED BY: DATE: DRAWN BY:

2.1.01 PAGE: 1 OF 1 SCALE: N/A