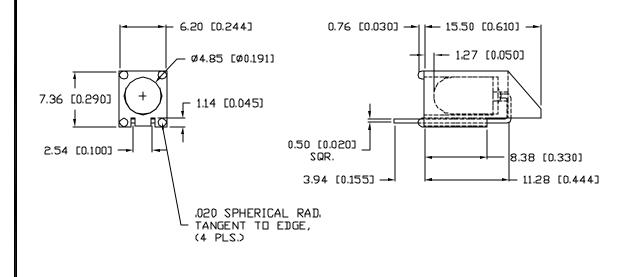
## SSF-LXH1071VLID



ELECTRO-OPTICAL	CHARACTERIST	TICS TA=25	S'C	lf=20mA	
PARAMETER	MIN	TYP	MAX	LINITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.1	2.5	$V_f$	
REVERSE VOLTAGE	5.0			$V_{r}$	$I_r = 100 \mu A$
AXIAL INTENSITY		30		mcd	$I_f = 20 \text{mA}$
	1.0			mcd	$I_f = 2mA$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH	l: RED DIFF	USED			

## 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	<b>- 1.2</b>	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO +85	<b>'</b> C
SOLDERING TEMP.	+ 260	<b>'</b> C
2.0mm FROM BODY		3 SEC. MAX

<sup>\*</sup> t<10µS

## NOTES:

- 1. SSL-LX509F3LID, RED LED.
- SSH-LXH1071-98 HOLDER.

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAU SIZE=±0.05 (±0.002), LEAU BIZE=±0.05 (±0.000). MIN= +0.000 MIN=

REV.

PART NUMBER
SSF-LXH1071VLID

ANDDE

T-5mm FAULT INDICATOR LED,
635nm RED LED, RED DIFFUSED LENS, LOW CURRENT.

Confidential information

The information contained in this document is the property of Lumex No. Except as spectrally authorazed in Writing by Lunex 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 dissemblation to all third parties.

RELIABILITY NOTE

dur 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.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
U\$ WEB: www.lumex.com
TW WEB: www.lumex.com.tw

DRAWN BY: CHECKED BY: APPROVED BY: DATE: 11.16.02
PAGE: 1 OF 1
BC SCALE: N/A