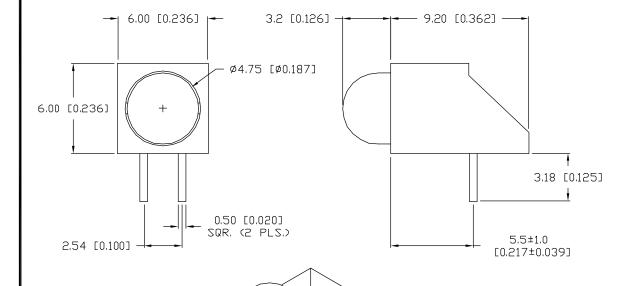
SSF-LXH100SUGD



ELECTRO-OPTICAL CH	ARACTERIS ⁻	TICS TA=25	5 ' C	$I_f = 20 \text{mA}$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE		2.2	2.6	۷f	
REVERSE VOLTAGE	5.0			V_r	1 _r =100µA
AXIAL INTENSITY		80		mcd	$I_f = 20mA$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN D	IFFUSED			

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	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+ 260	° C
2.0mm FROM BODY		3 SEC. MAX
1. 1.40.0		

^{*} t<10µS

NOTES:

- 1. SSL-LX507F3SUGD, GREEN LED.
- 2. SSH-LXH100, BLACK HOLDER.

*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 PRECI

REV.

PART NUMBER SSF-LXH100SUGD

ANDDE

T-5mm (T-1 3/4) LED, RIGHT ANGLE FAULT INDICATOR, 574nm AlinGaP GREEN LED, GREEN DIFFUSED LENS.

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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.



ВC

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: 5.14.02

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