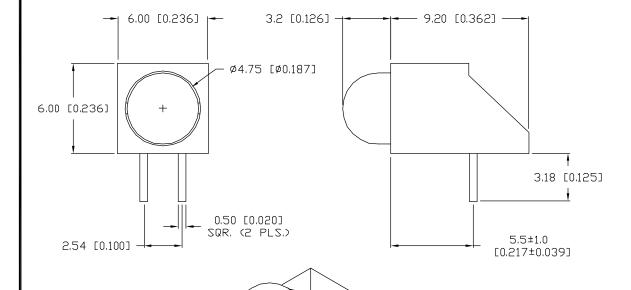
SSF-LXH100S0D



ELECTRO-OPTICAL CH	ARACTERIST	ICS TA=25	5 ' C	$I_f = 20 \text{mA}$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		610		nm	
FORWARD VOLTAGE		2.0	2.5	۷f	
REVERSE VOLTAGE	5.0			٧r	1 _r =100µA
AXIAL INTENSITY		150		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	ORANGE				
EPOXY LENS FINISH:	ORANGE [DIFFUSED			

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-LX507F3SOD, ORANGE 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==±0.75 (±0.030). MIN==±0.75 (±0.030). MIN==±0.75 (±0.030). MIN=±0.75 (±0.030). MIN=±

REV.

PART NUMBER SSF-LXH100S0D

ANDDE

T-5mm (T-1 3/4) LED, RIGHT ANGLE FAULT INDICATOR, 610nm Alingap ORANGE LED, ORANGE DIFFUSED 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.



BC

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

DRAWN BY: CHECKED BY: APPROVED BY: DATE: 5.14.02

/: DATE: 5.14.02 PAGE: 1 OF 1 SCALE: N/A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

SSF-LXH100SOD