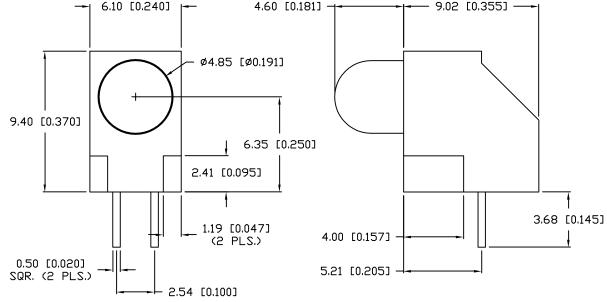
UNCONTROLLED DOCUMENT

PART NUMBER

SSF-LXH1501SUGD



ELECTRO-OPTICAL CH	ARACTERI	ISTICS TA=25°C		$I_f = 20 \text{mA}$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE		2.2	2.6	v_f	
REVERSE VOLTAGE	5.0			V_r	I _r =100µA
AXIAL INTENSITY		170		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN	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
± 1.40 0		

* t<10µS

NOTES:

- 1. SSL-LX509F3SUGD, SUPER ULTRA GREEN LED.
- 2. SSH-LXH1501, HOLDER.

ANDDE

*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 (±0.000), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.000), X.XX=±0.127 (±0.005).

REV.

PART NUMBER SSF-LXH1501SUGD

T-5mm SINGLE LEVEL FAULT INDICATOR. 574nm AllnGaP GREEN LED, GREEN DIFFUSED. CONFIDENTIAL INFORMATION

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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.



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DRAWN BY:

CHECKED BY: APPROVED BY: DATE: 10.20.03 PAGE: 1 OF 1 N/A

REV.

SCALE:

GB