UNCONTROLLED DOCUMENT

PART NUMBER
SSF-LXH100ID-5V

C REV.

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
Α	E.C.N. #10301.	1.30.97
В	E.C.N. #10BRDR.	4.20.00
С	E.C.N. #10BRDR. & REDRAWN IN 3D.	5.14.02

6.00 [0.236] 3.2 [0.126]	9.20 [0.362]
6.00 [0.236] + Ø4.75 [Ø0.187]	
	3.18 [0.125]
2.54 [0.100] - 0.50 [0.020] SQR. (2 PLS.)	5.5±1.0 🖸 [0.217±0.039]

ELECTRO-OPTICAL CH	ARACTERISTICS T	A=25°C	Vf = 5	V	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		5.0	7.0	Vf	
REVERSE VOLTAGE	5.0			V_{r}	I _r =100μΑ
AXIAL INTENSITY		20		mcd	$V_f = 5 V$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

A LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	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

NOTES:

- 1. SSL-LX507F3ID-5V, RED 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.

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ANDDE

T-5mm (T-1 3/4) LED, RIGHT ANGLE FAULT INDICATOR, 635nm RED DIFFUSED LED, 5V OPERATION.

CONFIDENTIAL INFORMATION
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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.



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PAGE: 1 OF 1
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