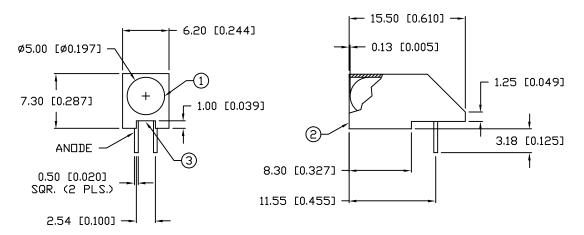
UNCONTROLLED DOCUMENT

PART NUMBER SSF-LXH1071LGD

REV.

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
Α	E.C.N. #10BRDR.	2.6.01



ELECTRO-OPTICAL CH	ARACTERI	STICS TA=25°C	;	$I_f = 20 \text{mA}$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		1.9	2.7	v_f	
REVERSE VOLTAGE	5.0			٧r	Ir=100µA
AXIAL INTENSITY	1.0	20		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN	DIFFUSED			

NOTES:

12.50 [0.492]

1. SSL-LX509F3LGD LED.

- 2. SSH-LXH1071 HOUSING, MATERIAL: WHITE POLYCARBONATE, UL 94V-0 OR BETTER.
- 3. THIS AREA IS RELIEVED TO REDUCE SHRINKAGE.
- 4. LED AND LEADS TO BE SECURE IN HOUSING.

LIMITO	$\Delta\Gamma$	CAFE	ODEDATION	AT	05.0	
LIMITS	UF	SAFE	OPERATION	ΑI	20 U	

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	155	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	110	mW
DERATE FROM 25°C	- 1.2	mW/*C
OPERATING, STORAGE TEMP.	- 55 TO + 100	•C
SOLDERING TEMP.	+ 260	. C
2.0mm FROM BODY		3 SEC. MAX

^{*} t<10µS

UNCONTROLLED DOCUMENT

*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 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.002), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.002), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.003). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.002), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.003). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.002), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.003). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.002), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), L

REV.

1.83 [0.072] (2 PLS.)

11.30 [0.445]

PART NUMBER SSF-LXH1071LGD

T-5 (T-1 3/4) RIGHT ANGLE FAULT INDICATOR, GREEN DIFFUSED, LOW CURRENT SELECTION.

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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.



CT

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CHECKED BY: APPROVED BY: DATE: DRAWN BY:

9.3.93 PAGE: 1 OF 1 SCALE: N/A