

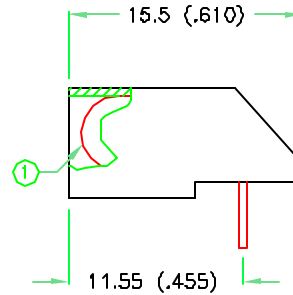
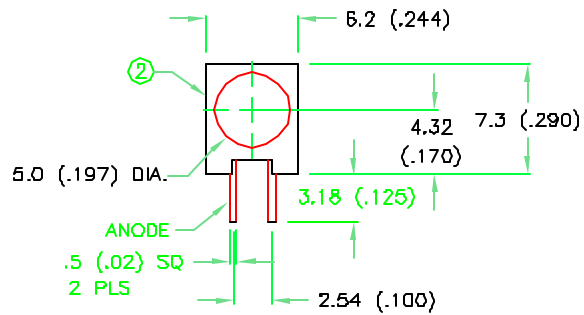
DATE

REVISIONS

REV

DRAWING NUMBER
SSF-LXH1071LID

REV

ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		1.9	2.7	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100uA
AXIAL INTENSITY		20		med	I _f =20mA
		1.0		med	I _f =2mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:		RED			
EPOXY LENS FINISH:		RED DIFFUSED			

LIMITS OF SAFE OPERATION AT 25 DEG. C

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
LEAD SOLDERING TEMP.	+260	°C
1.6mm FROM BODY		5 SEC. MAX

* t<10uS

NOTES:

1. SSL-LX509F3LID LED.
2. SSH-LXH1071 WHITE HOLDER.
3. TOLERANCE: +/-0.25 (+/-0.010).

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.

FXH107AG



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DATE: 9-3-93

APPROVED BY:

DRAWN BY:

SCALE: N/A

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

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