

PART NUMBER	SSF-LXH100LGD	REV.	F
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.07.92	REDRAWN.		A
10.02.93	CHG'D LEAD LENGTH.		B
07.28.95	UPDATED SPECS.		C
01.30.97	E.C.N. #10301.		D
05.14.02	E.C.N. #10BRDR. & REDRAWN IN 3D.		E
10.01.10	E.C.N. #11662.		F

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

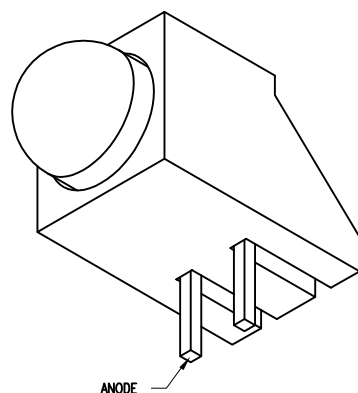
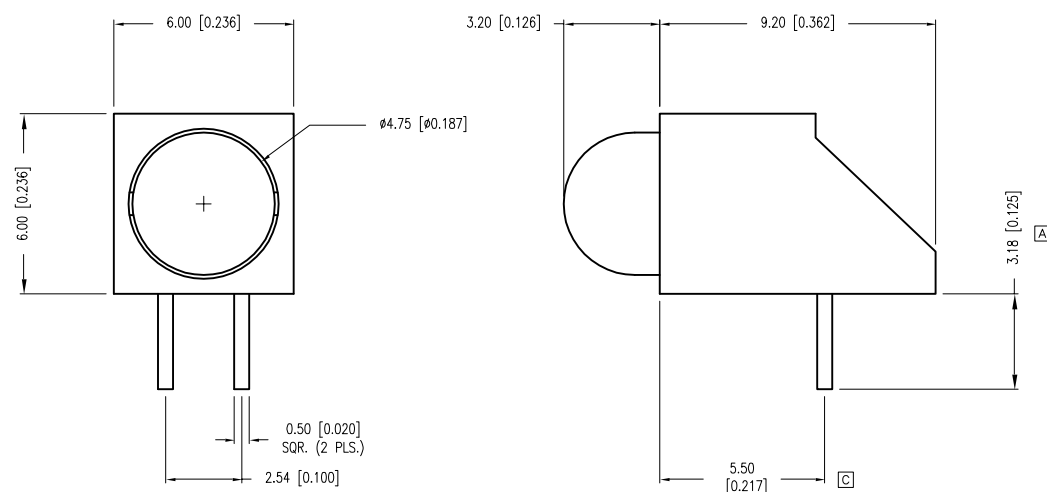
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY	1.0	30		mcd	$I_f=20\text{mA}$
				mcd	$I_f=2\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

[B] 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/ $^{\circ}\text{C}$
OPERATING TEMP.	-40 TO +85	$^{\circ}\text{C}$
STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY		3 SEC. MAX
* $t < 10\mu\text{s}$		

NOTES:

- [F] 1. SSL-LX507F3LGD, GREEN LED.
2. SSH-LXH100, BLACK HOLDER, UL94V-0.



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= ^{+DECIMAL PRECISION} _{-0.00} MAX.= ^{+0.00} _{-DECIMAL PRECISION} UNCONTROLLED DOCUMENT



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

T-5mm (T-1 3/4) LED, RIGHT ANGLE FAULT INDICATOR, 565nm GREEN DIFFUSED LED, LOW CURRENT.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	05.31.90	DRAWN BY:	BC
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	N/A	APRVD BY:	KF
UNIT:	mm [INCH]		(P)

Mouser Electronics

Authorized Distributor

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[SSF-LXH100LGD](#)