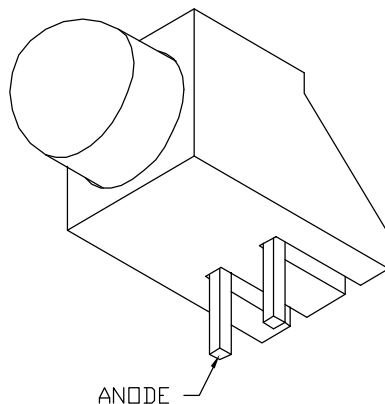
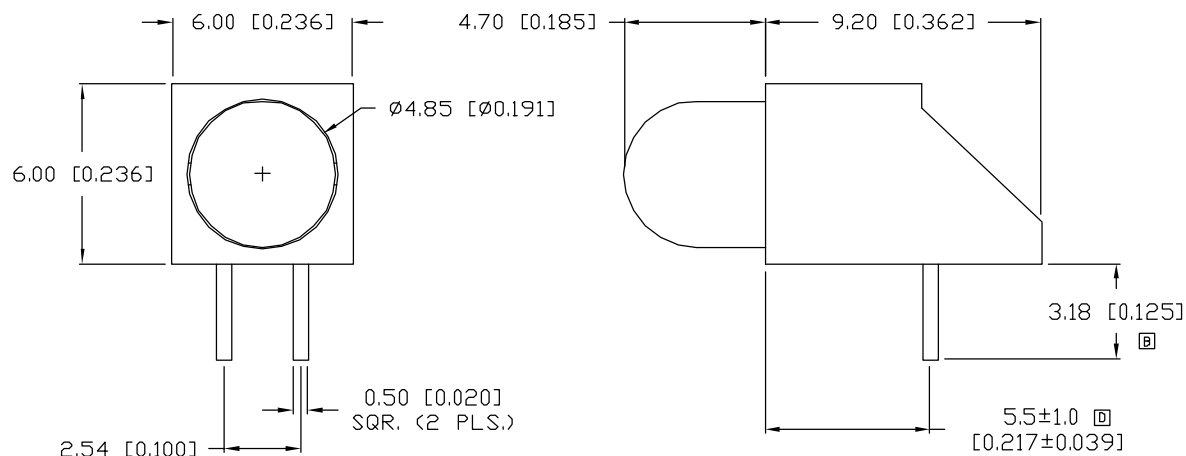


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PART NUMBER		REV.
SSF-LXH100LGD-01		E
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	REDRAWN.	4.7.92
B	CHG'D LEAD LENGTH.	10.2.93
C	UPDATED SPECS.	7.28.95
D	E.C.N. #10301.	1.30.97
E	E.C.N. #10BRDR. & REDRAWN IN 3D.	5.14.02

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	$I_r=100\mu\text{A}$
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				

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, 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:

1. SSL-LX509F3LGD, GREEN LED.
2. SSH-LXH100, BLACK HOLDER.

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*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 -0.00 MAX.=⁺0.00 -DECIMAL PRECISION

REV.	PART NUMBER
E	SSF-LXH100LGD-01

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

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:
BC			5.31.90
			PAGE: 1 OF 1
			SCALE: N/A