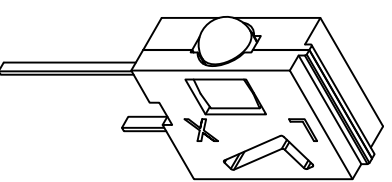
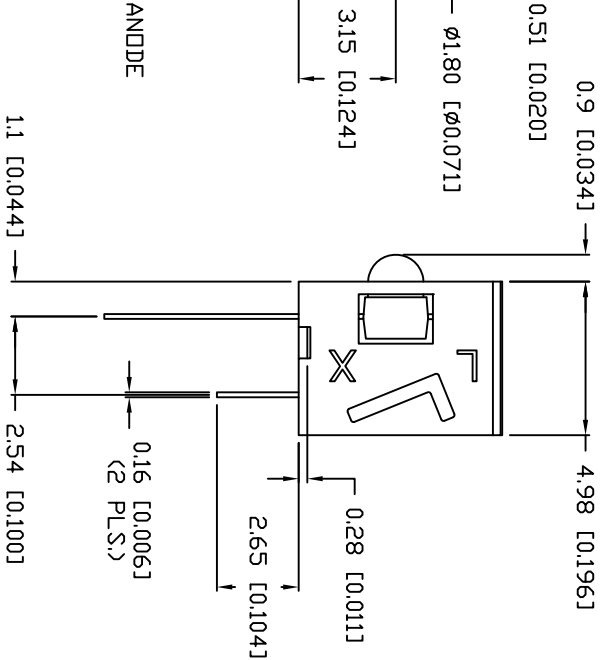




THE DATASHEET OF SSF-LXH555GD



PART NUMBER		REV.
SSF-LXH555GD		B
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10217.	7.30.96
B	E.C.N. #10BRDR. AND REDRAWN.	1.25.01



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.1	2.8	Vf	If=100µA
REVERSE VOLTAGE	5.0			Vr	If=20mA
AXIAL INTENSITY		8		mcd	If=20mA
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	100	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
* t<10µS		

NOTES:

- SSH-LXH555 HOLDER, BLACK NYLON.
- SSL-LXA227GD LED.

ES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X-X=±0.5 (±0.020), X-X-X=±0.25 (±0.010), X-X-X-X=±0.127 (±0.005), LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN=-0.000, MAX.=+0.000

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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.

MEMBER
555GD
ANGLE INDICATOR,
ED.



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