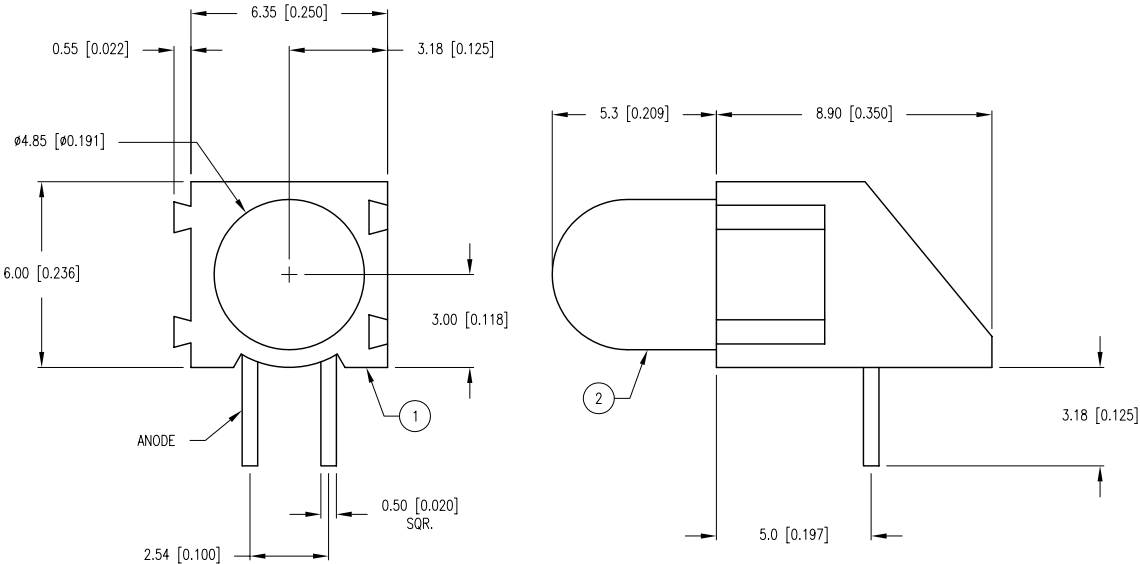


PART NUMBER	SSF-LXH100MLID	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.08.93	CHANGED LEAD LENGTH.		A
01.13.97	E.C.N. #10291.		B
02.07.00	E.C.N. #10563.		C
02.08.12	E.C.N. #10BRDR.		D



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY	1.0	30		mcd	If=20mA
				mcd	If=2mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C

* t<10μs

- NOTES:
- SSH-LXH100M, BLACK NYLON HOLDER, 94V-0.
 - SSL-LX509F3LID, LOW CURRENT RED LED.