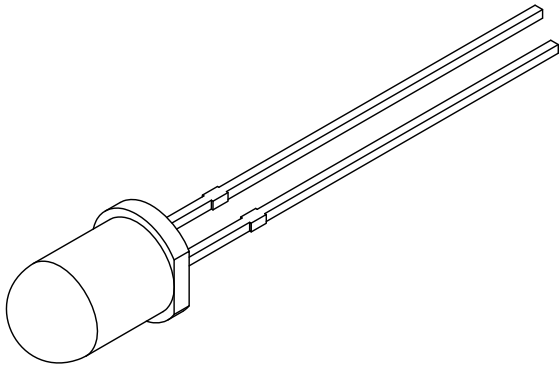
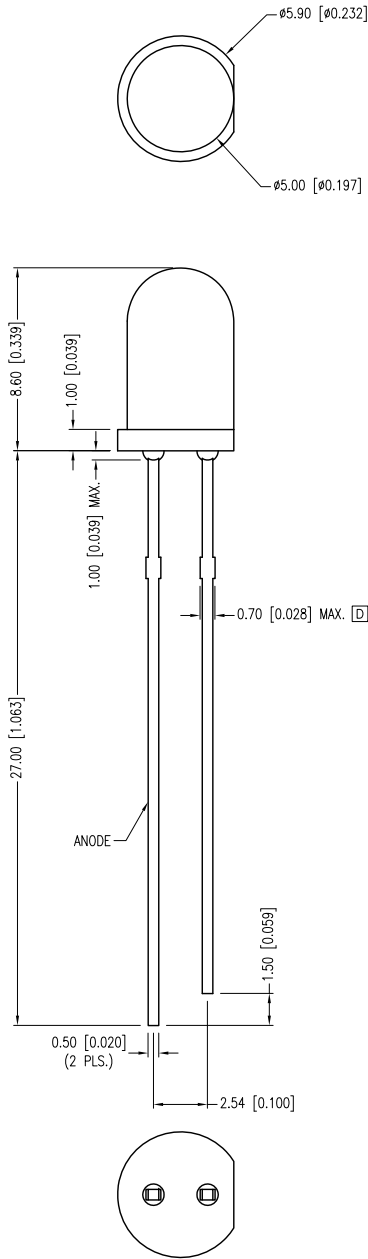


PART NUMBER	SSL-LX5093HC	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.25.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		A
10.19.06	E.C.N. #11148.		B
02.08.12	E.C.N. #10BRDR. & REDRAWN.		C



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		25		mcd	If=20mA
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	120	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
2.0mm FROM BODY	3	SEC.

* t<10µs