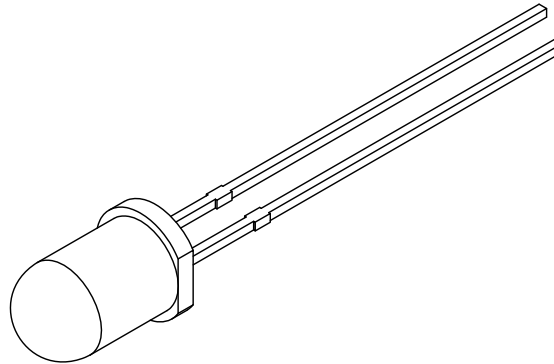
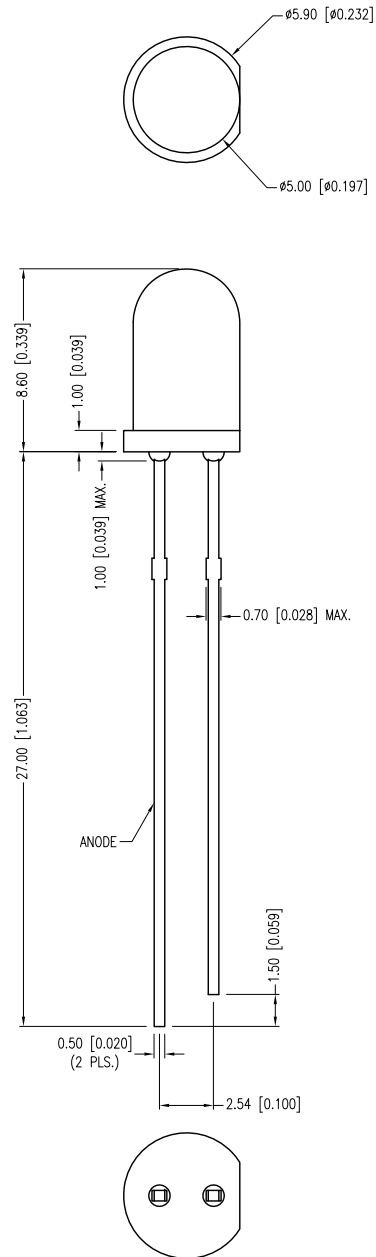


PART NUMBER	SSL-LX5093HD-5V	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
02.10.95	UPDATED SPECS.		A
05.25.01	E.C.N. #10BRDR. & REDRAWN.		B
10.19.06	E.C.N. #11148.		C
02.08.12	E.C.N. #10BRDR. & REDRAWN.		D



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=5V					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700		nm	
FORWARD VOLTAGE		5.0	7.0	Vf	
REVERSE VOLTAGE	5.0			Vr	If=100μA
AXIAL INTENSITY		3		mcd	If=5V
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7.0	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	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.

*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}

UNCONTROLLED DOCUMENT