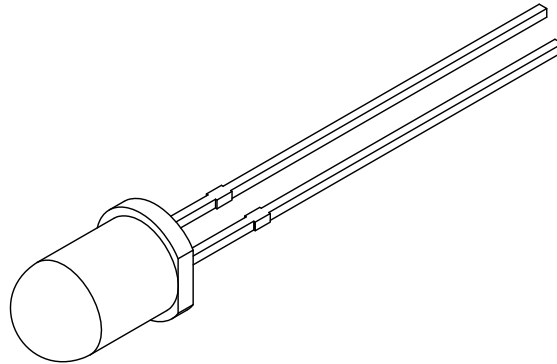
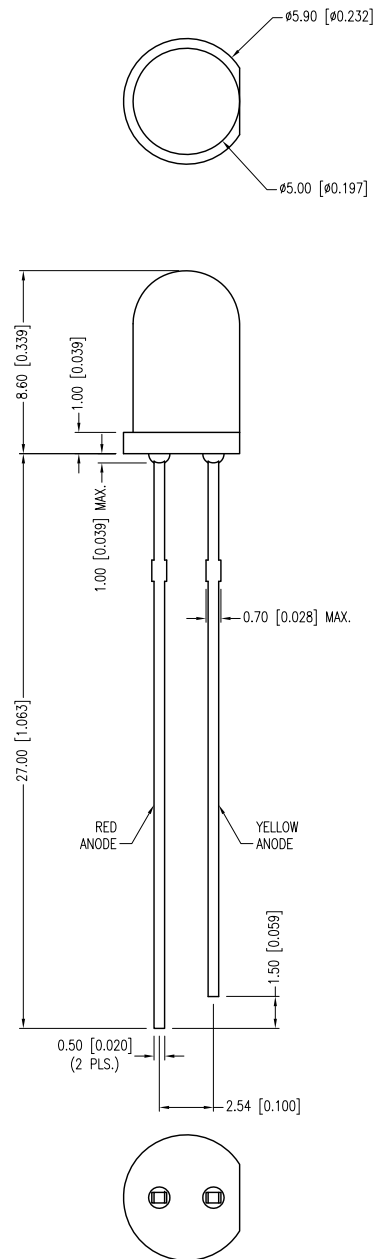


PART NUMBER	SSL-LX5093IYW	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.24.01	E.C.N. #10BRDR. & REDRAWN.		A
10.23.06	E.C.N. #11148.		B
02.13.12	E.C.N. #10BRDR & REDRAWN.		C



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	(R/Y)	635/585		nm	
FORWARD VOLTAGE	(R/Y)	2.0/2.1	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	If=100μA
AXIAL INTENSITY	(R/Y)	30/15		mcd	If=20mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	RED/YELLOW				
EPOXY LENS FINISH:	MILKY WHITE 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
2.0mm FROM BODY	3	SEC.

* t<10μs

*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 MAX.= -DECIMAL PRECISION

UNCONTROLLED DOCUMENT