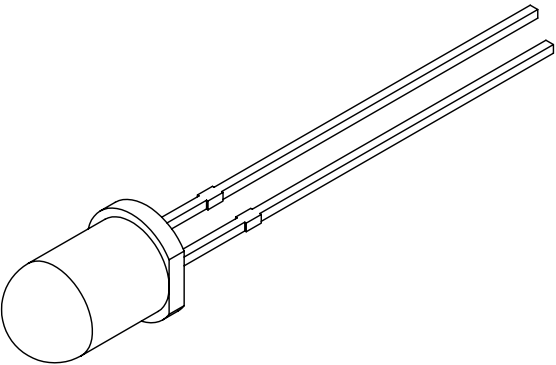
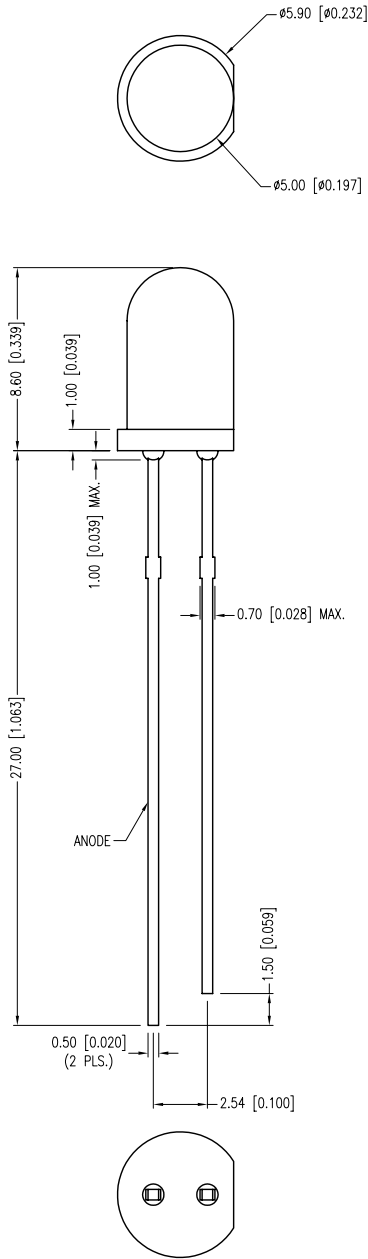


PART NUMBER	SSL-LX5093LYD	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
02.10.95	REDRAWN, UPDATED SPECS.		A
05.25.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		B
10.23.06	E.C.N. #11148.		C
02.16.12	E.C.N. #10BRDR. & REDRAWN.		D

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		585		nm
FORWARD VOLTAGE		2.1	2.5	Vf
REVERSE VOLTAGE	5.0			Vr If=100µA
AXIAL INTENSITY		30		mcd If=20mA
	1.0			mcd If=2mA
VIEWING ANGLE		60		2x theta
EMITTED COLOR:	YELLOW			
EPOXY LENS FINISH:	YELLOW 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		



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