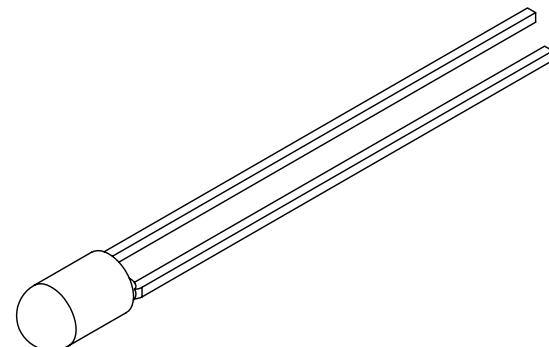
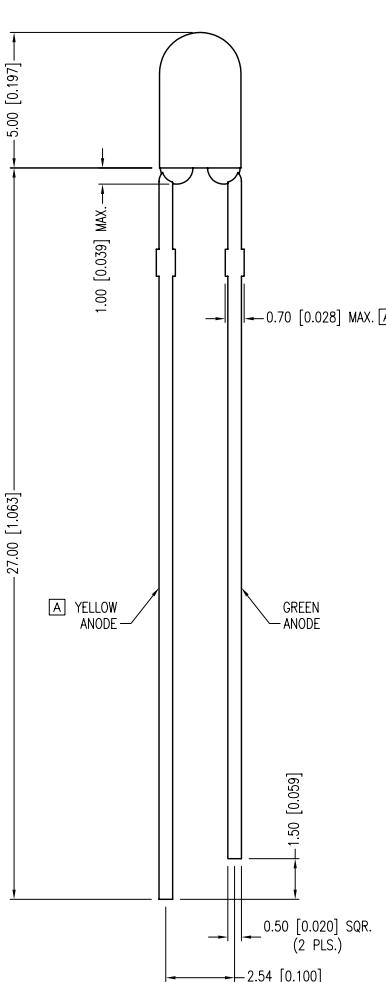
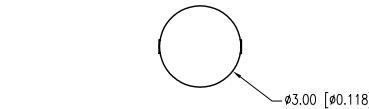


PART NUMBER	SSL-LX305F6YGW	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
10.04.11	E.C.N. #11760/10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (Y/G)	585/565			nm	
FORWARD VOLTAGE (Y/G)	2.0/2.2		2.5/2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY			20	mcd	If=20mA
VIEWING ANGLE			60	2x theta	
EMITTED COLOR:	YELLOW/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (Y/G)	30/25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

* 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= -0.00 DECIMAL PRECISION MAX.= +0.00

UNCONTROLLED DOCUMENT



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T-3mm (T-1) LED 585/565nm YELLOW/GREEN LED, MILKY WHITE DIFFUSED LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.
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DATE: 10.04.11	DRAWN BY: AB
PAGE: 1 OF 1	CHKD BY: KF
SCALE: NTS	APRVD BY: SS
UNIT: mm [INCH]	PC

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