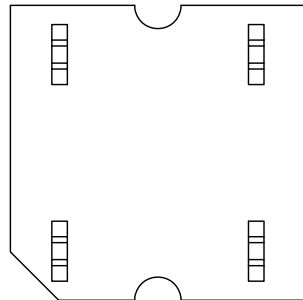
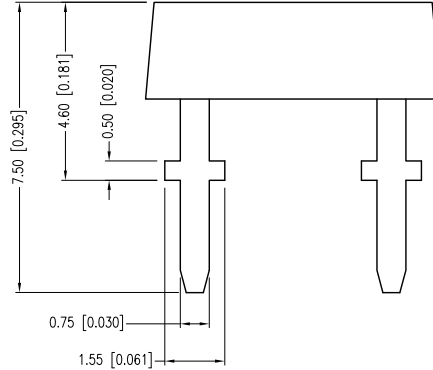
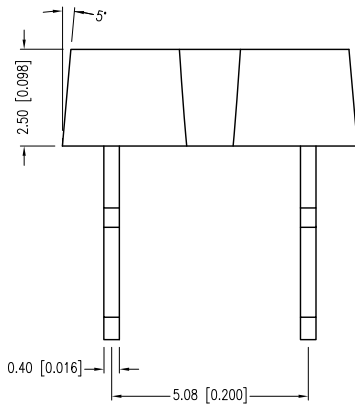
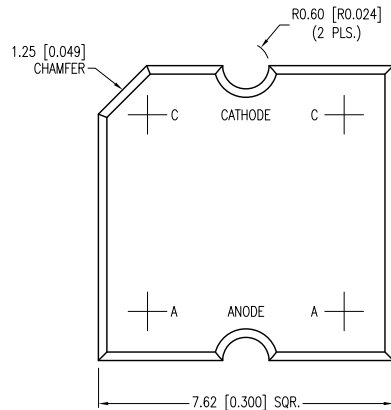


PART NUMBER	SSL-LX00448SYC	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.23.12	E.C.N. #10BRDR. & REDRAWN.		A



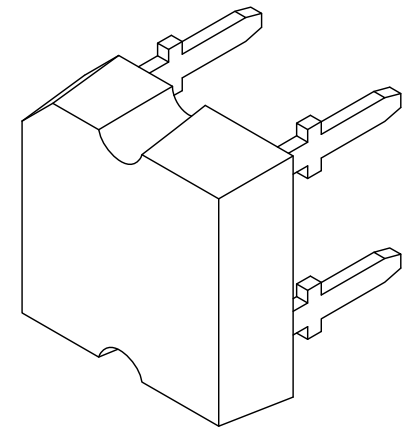
ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=70mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.6	3.1	Vf	If=70mA
REVERSE VOLTAGE	5.0			Vr	Ir=10μA
TOTAL FLUX		5400		mlm	If=70mA
VIEWING ANGLE		130		2x theta	
EMITTED COLOR:	YELLOW				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	70	mA
POWER DISSIPATION	220	mW
DERATE FROM 25°C	-2.0	mW/°C
OPERATING TEMP.	-40 TO +100	°C
STORAGE TEMP.	-40 TO +100	°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}/_{-0.00} MAX.= ^{+0.00}/_{-DECIMAL PRECISION}

UNCONTROLLED DOCUMENT