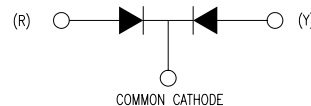
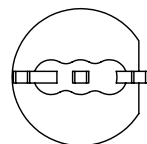
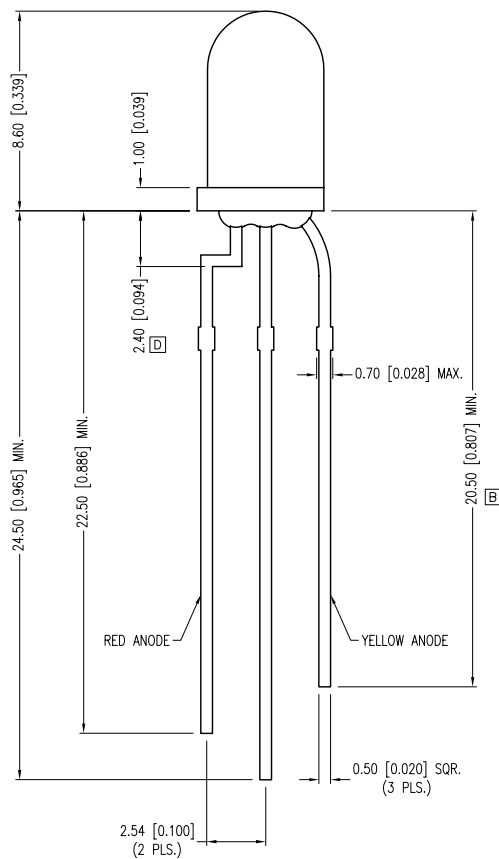
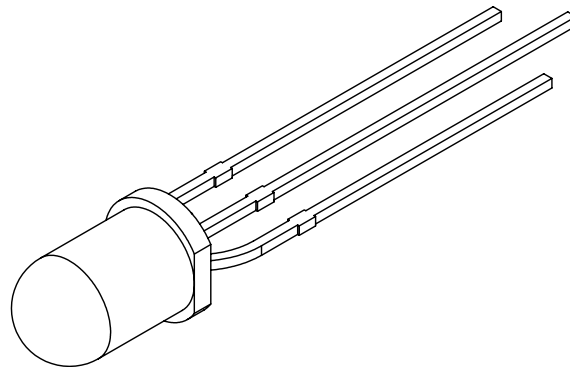
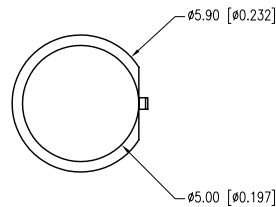


PART NUMBER	SSL-LX5099IYW	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.05.95	CHANGED SPECS.		A
09.07.95	CORRECTED DIMS. WHERE NOTED.		B
03.18.98	E.C.N. #10BRDR. & REDRAWN.		C
06.21.11	E.C.N. #10BRDR. & REDRAWN.		D



[A] ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH (R/Y)		635/585		nm	
FORWARD VOLTAGE (R/Y)		2.0/2.1	2.5	Vf	Ir=100µA
REVERSE VOLTAGE	5.0			Vr	If=20mA
AXIAL INTENSITY (R/Y)		55/40		mcd	
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/YELLOW			°C	
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

[A] LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (R/Y)	30/25	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. 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.= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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T-5mm (T-1 3/4) LED, RED/YELLOW BICOLOR, MILKY WHITE, COMMON CATHODE

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	06.21.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	BC
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ