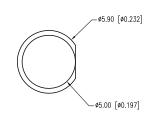
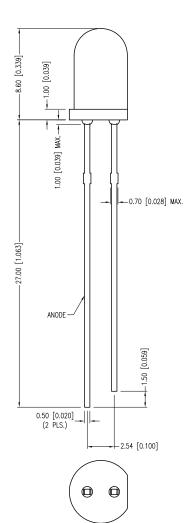
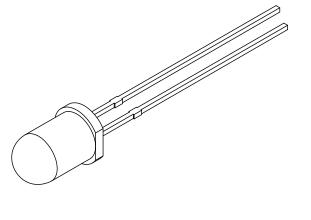
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093SYC R	REV.	F
DATE	E.C.N. NUMBER AND REVISION COMMENTS UPDATED SPECS. UPDATED SPECS.		
12.20.94			
12.19.95			
07.08.96	E.C.N. #10204.		С
05.31.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		О
01.25.07	E.C.N. #11148.		Е
10.02.12	E.C.N. #10BRDR. & REDRAWN.		F

B A ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.1	2.5	Vf	
REVERSE VOLTAGE	4.0			Vr	Ir=100µA
AXIAL INTENSITY		1000		mcd	If=20mA
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	WATER CLEAR				

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.
* +<10.0C		

* 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.= +0.00	OCUMENT
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THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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QUASARBRITE T-5mm (T-1 3/4) 590nm SUPER YELLOW LED, WATER CLEAR LENS.

ON	DIVCOIVII	TULL	ED DOCUMENT		
	DATE: 10.03	2.12	DRAWN BY:	AB	
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	SCALE: N	S	APRVD BY:	KF	
	UNIT: mm [INCH]		(Rb)		

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