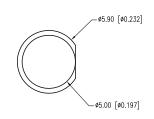
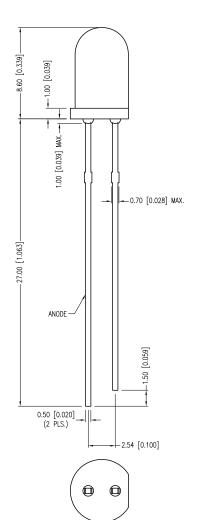
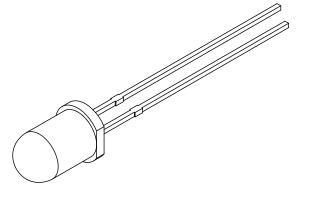
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093SYD REV	. D		
DATE	E.C.N. NUMBER AND REVISION COMMENTS			
07.03.96	E.C.N. #10204.	A		
05.31.01	E.C.N. #10BRDR. & REDRAWN IN 3D.	В		
10.25.06	E.C.N. #11148.	С		
10.02.12	E.C.N. #10BRDR. & REDRAWN.	D		

EPOXY LENS FINISH: YELLOW DIFFUSED

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP UNITS TEST COND PEAK WAVELENGTH 590 FORWARD VOLTAGE 2.1 2.5 Vf REVERSE VOLTAGE 4.0 Vr Ir=100µA AXIAL INTENSITY 300 If=20mA mcd VIEWING ANGLE 60 2x theta EMITTED COLOR: YELLOW

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.	
1.1.10.0			

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $\frac{+0.00}{-0.000}$ MAX.= $\frac{+0.00}{-0.0$



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MCMBER: 0F /T/W PHOTONICS GROUP

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

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

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	DATE:	10.02.12	DRAWN BY:	AB		
	PAGE:	1 OF 1	CHKD BY:	KF		
	SCALE:	NTS	APRVD BY:	KF		
	UNIT: mm [INCH]		Po			