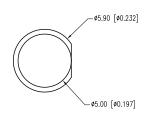
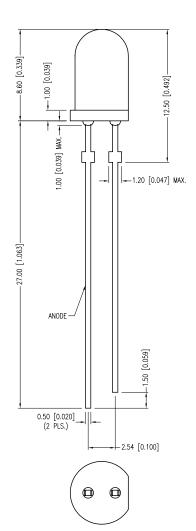
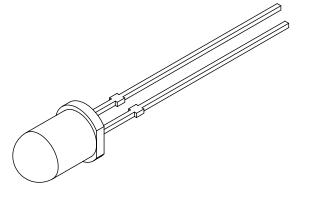
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093ID-125	REV.	D	
DATE	E.C.N. NUMBER AND REVISION COMMENTS			
01.18.95	REDRAWN, UPDTAED SPECS. E.C.N. #10BRDR. & REDRAWN IN 3D.			
05.24.01				
10.19.06	E.C.N. #11148		С	
02.08.12	E.C.N. #10BRDR. & REDRAWN.		D	

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP MAX UNITS TEST COND PEAK WAVELENGTH 635 FORWARD VOLTAGE 2.0 2.5 Vf REVERSE VOLTAGE 5.0 ۷r Ir=100µA AXIAL INTENSITY 40 If=20mA mcd 2x theta VIEWING ANGLE 60 EMITTED COLOR: RED EPOXY LENS FINISH: RED DIFFUSED

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=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.000}$ MAX.= $^{+0.000}_{-0.000}$ MAX.= $^{+0.0000}_{-0.000}$ MAX.= $^{+0.0000}_{-0.000}$ MAX.= $^{+0.0000}_{-0.000$ UNCONTROLLED DOCUMENT



290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538

T-5mm (T-1 3/4) 635nm RED LED, RED DIFFUSED LENS, WITH STANDOFFS.

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	DATE:	02.15.1	2	DRAWN BY:	AB			
	PAGE:	1 OF	1	CHKD BY:	KF			
	SCALE:	NTS		APRVD BY:	SS			
	UNIT: mm [INCH]		P6)					