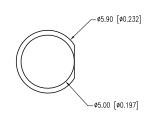
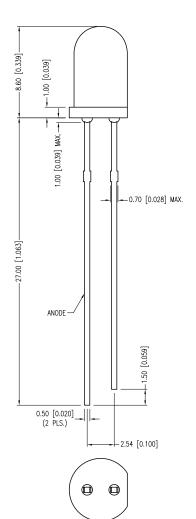
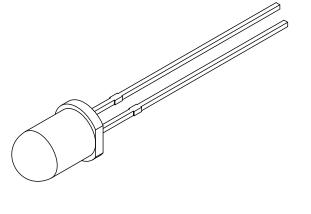
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093ID-12V	REV.	D
DATE E.C.N. NUMBER AND REVISION COMMENTS			
05.24.01 E.C.N. #10BRDR. & REDRAWN IN 3D.			
10.19.06	E.C.N. #11148.		В
02.13.12	E.C.N. #10BRDR & REDRAWN.		С

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=12V PARAMETER TYP MAX UNITS TEST COND PEAK WAVELENGTH 635 FORWARD VOLTAGE 12.0 14.0 Vf REVERSE VOLTAGE 5.0 ۷r Ir=100µA AXIAL INTENSITY If=12V 20 mcd 2x theta VIEWING ANGLE 60 EMITTED COLOR: RED EPOXY LENS FINISH: RED DIFFUSED

PARAMETER         MAX         UNITS           PEAK FORWARD VOLTAGE         14.0         V           STEADY CURRENT         12         mA           POWER DISSIPATION         310         mW           DERAITE FROM 25'C         -1.2         mW/*C           OPERATING TEMP.         -40 TO +85         *C	LIMITS OF SAFE OPERATION AT 25°C		
STEADY CURRENT         12         mA           POWER DISSIPATION         310         mW           DERATE FROM 25°C         -1.2         mW/°C           OPERATING TEMP.         -40 TO +85         °C	PARAMETER	MAX	UNITS
POWER DISSIPATION         310         mW           DERATE FROM 25°C         -1.2         mW/°C           OPERATING TEMP.         -40 TO +85         °C	PEAK FORWARD VOLTAGE	14.0	٧
DERATIC FROM 25°C         -1.2         mW/°C           OPERATING TEMP.         -40 TO +85         °C	STEADY CURRENT	12	mA
OPERATING TEMP40 TO +85 °C	POWER DISSIPATION	310	mW
	DERATE FROM 25°C	-1.2	mW/*C
CTORIOE TEUR	OPERATING TEMP.	-40 TO +85	•C
STURAGE TEMP. —40 TO +85 C	STORAGE TEMP.	-40 TO +85	•C
SOLDERING TEMP. +260 °C	SOLDERING TEMP.	+260	•C
2.0mm FROM BODY 3 SEC.	2.0mm FROM BODY	3	SEC.

\*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=  $^{+DECIMAL}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-DECIMAL}$  PRECISION UNCONTROLLED DOCUMENT



425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP QUASARBRITE T-5mm (T-1 3/4) 635nm RED LED, RED DIFFUSED LENS, 12V OPERATION.

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

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DATE:	02.13.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT: mm [INCH]		Pb)	

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