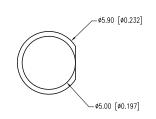
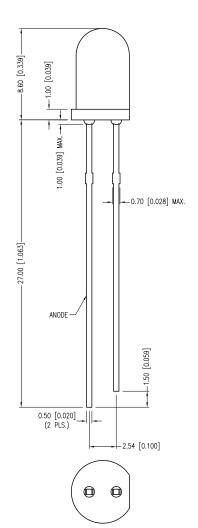
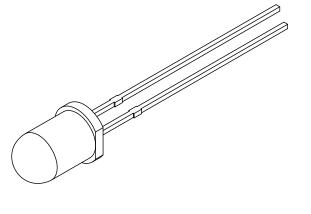
UNCONTROLLED DOCUMENT







	PART NUMBER	SSL-LX5093GD-12V	REV.	D	
	DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.	
	06.04.94	REDRAWN.		Α	
	05.29.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		В	
	10.19.06	E.C.N. #11148		С	
	02.01.12	E.C.N. #10BRDR. & REDRAWN.		D	

EPOXY LENS FINISH: GREEN DIFFUSED

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C Vf=12V PARAMETER TYP UNITS TEST COND PEAK WAVELENGTH 565 FORWARD VOLTAGE 12.0 14.0 Vf REVERSE VOLTAGE 5.0 Vr Ir=100µA AXIAL INTENSITY 20 Vf=12V mcd VIEWING ANGLE 60 2x theta EMITTED COLOR: GREEN

IMITS OF SAFE OPERATION AT 25°C				
PARAMETER	MAX	UNITS		
PEAK FORWARD VOLTAGE	14	٧		
STEADY CURRENT	12	mA		
POWER DISSIPATION	310	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.		

*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.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX. 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) 565nm GREEN LED, GREEN DIFFUSED LENS, 12 VOLT OPERATION.

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

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DATE: 02.01.12 DRAWN BY: AΒ PAGE: 1 OF CHKD BY: KF SCALE: NTS APRVD BY: KF UNIT: mm [INCH] (Pb)

Mouser Electronics

Authorized Distributor

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