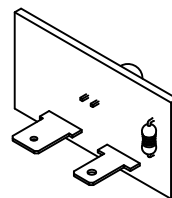
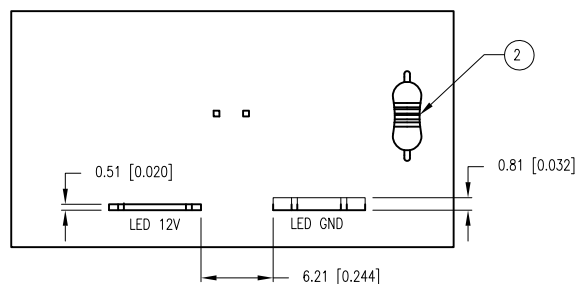
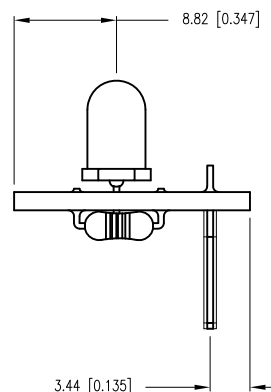
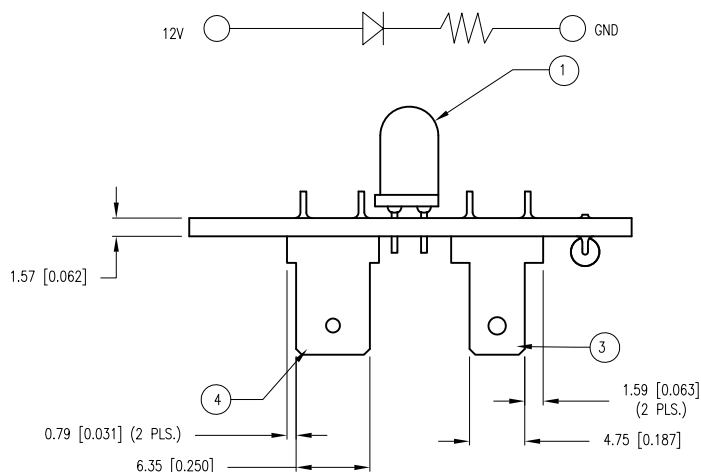
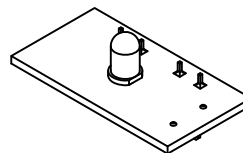
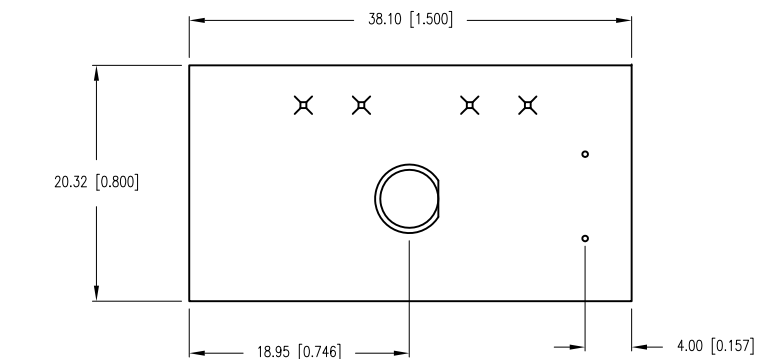


PART NUMBER	SSL-LX5093UWC/GMAB	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.27.06	E.C.N. #11148.		A
10.10.12	E.C.N. #10BRDR. & REDRAWN.		B



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		—		nm	
FORWARD VOLTAGE		3.5	4.0	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	Ir=10μA
AXIAL INTENSITY	9000	11,000		mcd	If=20mA
CHROMATICITY (X)		0.29			If=20mA
COORDINATES (Y)**		0.30			If=20mA
VIEWING ANGLE		20		2x theta	
EMITTED COLOR:	WHITE				
LENS FINISH:	WATER CLEAR				

*AXIAL INTENSITY TESTING CONDITION 550nm WAVELENGTH.

**THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT*	Ip	100	mA
STEADY CURRENT	If	25	mA
POWER DISSIPATION	Pd	100	mW
OPERATING TEMP.	ToPR	-40 TO +85	°C
STORAGE TEMP.	Tstg	-40 TO +100	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY		3	SEC

*DUTY 1/10 PULSE WIDTH 10ms

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

NOTES:

- SSL-LX5093UWC/G, WHITE LED.
- RESISTOR 390Ω 1/2W 5%
- AMP PART# 63823-1
- AMP PART# 63824-1
- FR4 PCB

*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} -0.00 MAX= ^{+0.00} -DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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QUASARBRITE SINGLE 5mm WHITE LED BOARD ASSEMBLY.

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

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DATE:	10.10.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ