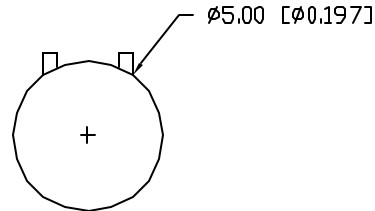
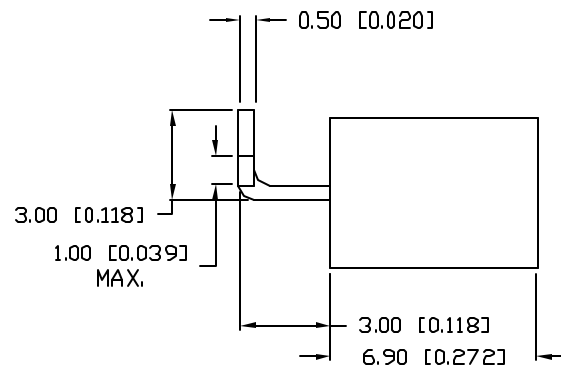
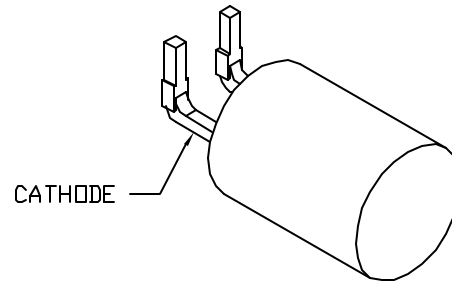
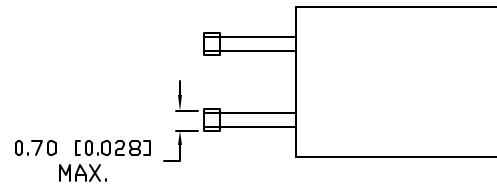


UNCONTROLLED DOCUMENT

PART NUMBER
SSL-LX50FT3UWC-BLREV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148	10.31.06



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

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			-		nm	
FORWARD VOLTAGE	V _f		3.6	4.2	V	I _f =20mA
REVERSE VOLTAGE	V _r	5			V	I _r =10μA
AXIAL INTENSITY(*1)	I _v	36	100		mcd	I _f =20mA
CHROMATICITY	X		0.33			I _f =20mA
COORDINATES(*2)	Y		0.34			I _f =20mA
VIEWING ANGLE			70		2x theta	

EMITTED COLOR: WHITE

EPOXY LENS FINISH: WATER CLEAR

*1. AXIAL INTENSITY TESTING CONDITION: 550nm WAVELENGTH.

*2. THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10μS



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*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 DECIMAL PRECISION MAX.=+0.00/-0.00 DECIMAL PRECISION

REV.

A

PART NUMBER

SSL-LX50FT3UWC-BL

T-5mm (T-1 3/4) ULTRA WHITE LED,
WATER CLEAR, FLAT TOP LENS, BENT LEADS.

CONFIDENTIAL INFORMATION
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RELIABILITY NOTE
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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PAGE: 1 OF 1

SCALE: N/A