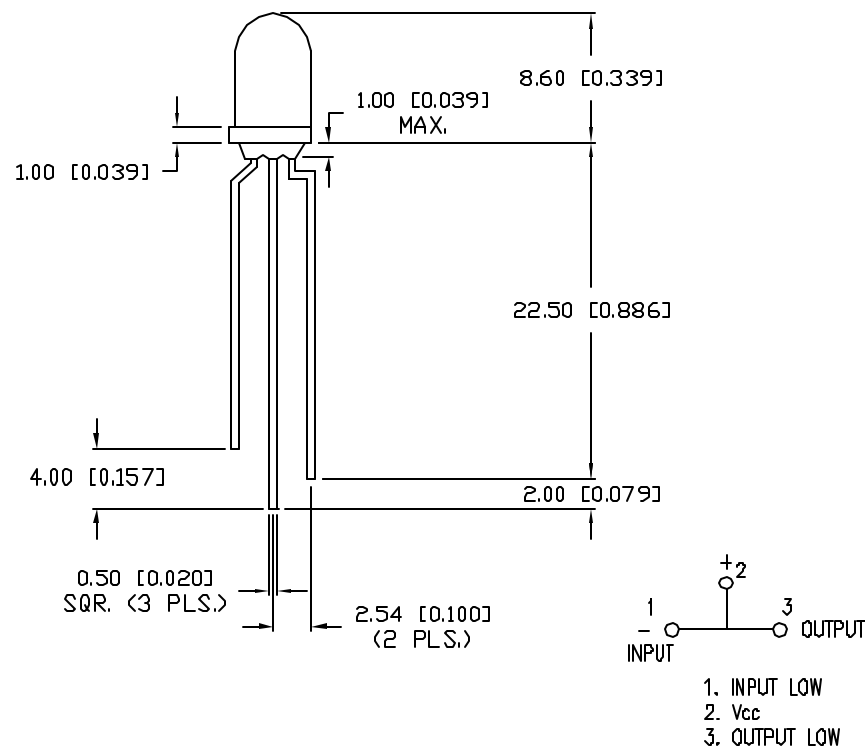
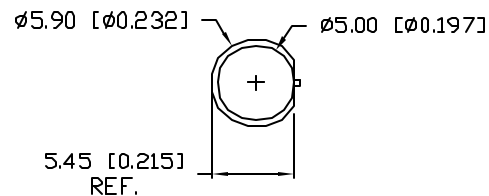


UNCONTROLLED DOCUMENT

PART NUMBER
SSL-LX5099BXWREV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148	11.03.06

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
FORWARD VOLTAGE		3.0	14.0	V_f	
BUNKING FREQUENCY:		1.5		Hz	$V_f=14.0$, $I_f=70\text{mA}$
		2.5		Hz	$V_f=3.0$, $I_f=8\text{mA}$

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	70	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

* $t < 10\mu\text{s}$ 

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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.=^{+DECIMAL PRECISION}_{-0.00} MAX.=^{+0.00}_{-DECIMAL PRECISION}

REV.
APART NUMBER
SSL-LX5099BXWT-5mm (T-1 3/4) EPOXY,
MILKY WHITE DIFFUSED LENS.

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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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DRAWN BY: JC	CHECKED BY:	APPROVED BY:	DATE: 11.03.06 PAGE: 1 OF 1 SCALE: N/A
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