

UNCONTROLLED DOCUMENT

PART NUMBER
SSI-LXH9ZIC31574

REV.

B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11344.	8.16.06
B	E.C.N. #11838.	06.04.13

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		630		nm	
FORWARD VOLTAGE		2.2	2.8	V_f	
REVERSE VOLTAGE	4.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		10,000		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	$\text{mW}/^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$

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

NOTES:

- SSL-LX509F3ZIC, RED LED.
- SSH-LXH9, BLACK RUBBER HOUSING.
- ANODE LEAD: LXP-WST26RDT0C, 26 AWG STRANDED, RED INSULATION, CUT 157mm LONG, STRIP 2mm & 5mm.
- CATHODE LEAD: LXP-WST26BLT0C, 26 AWG STRANDED, BLACK INSULATION, CUT 157mm LONG, STRIP 2mm & 5mm.
- CRIMP WIRE LEADS TO LED LEADS.
- LXP-HEATSHRINK-2, 10mm (2 PCS).
- LXP-HEATSHRINK-6/2, 7mm.
- MOLEX# 40-08-0605 (2 PCS.)

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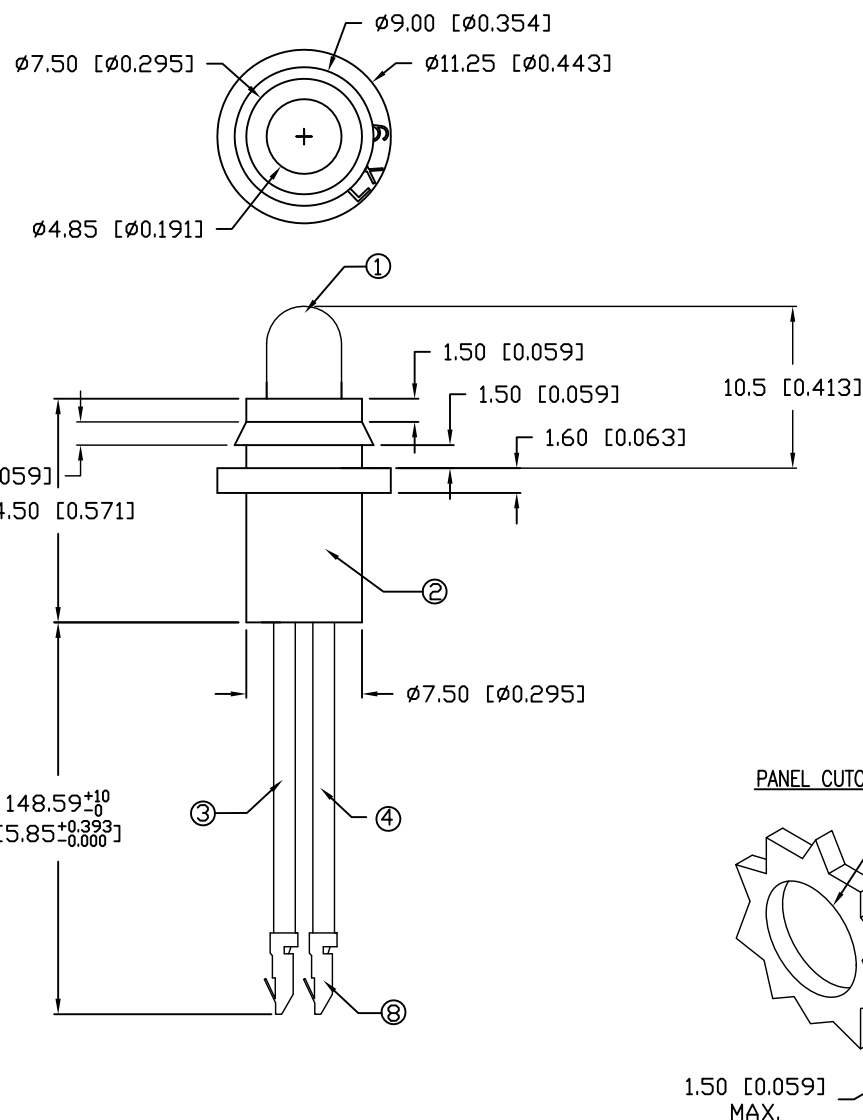
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX= +0.00 -DECIMAL PRECISION

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B	SSI-LXH9ZIC31574
T-5mm 630nm RED LED PANEL INDICATOR, WATER CLEAR LENS, 6.25" WIRE LEADS.	

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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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