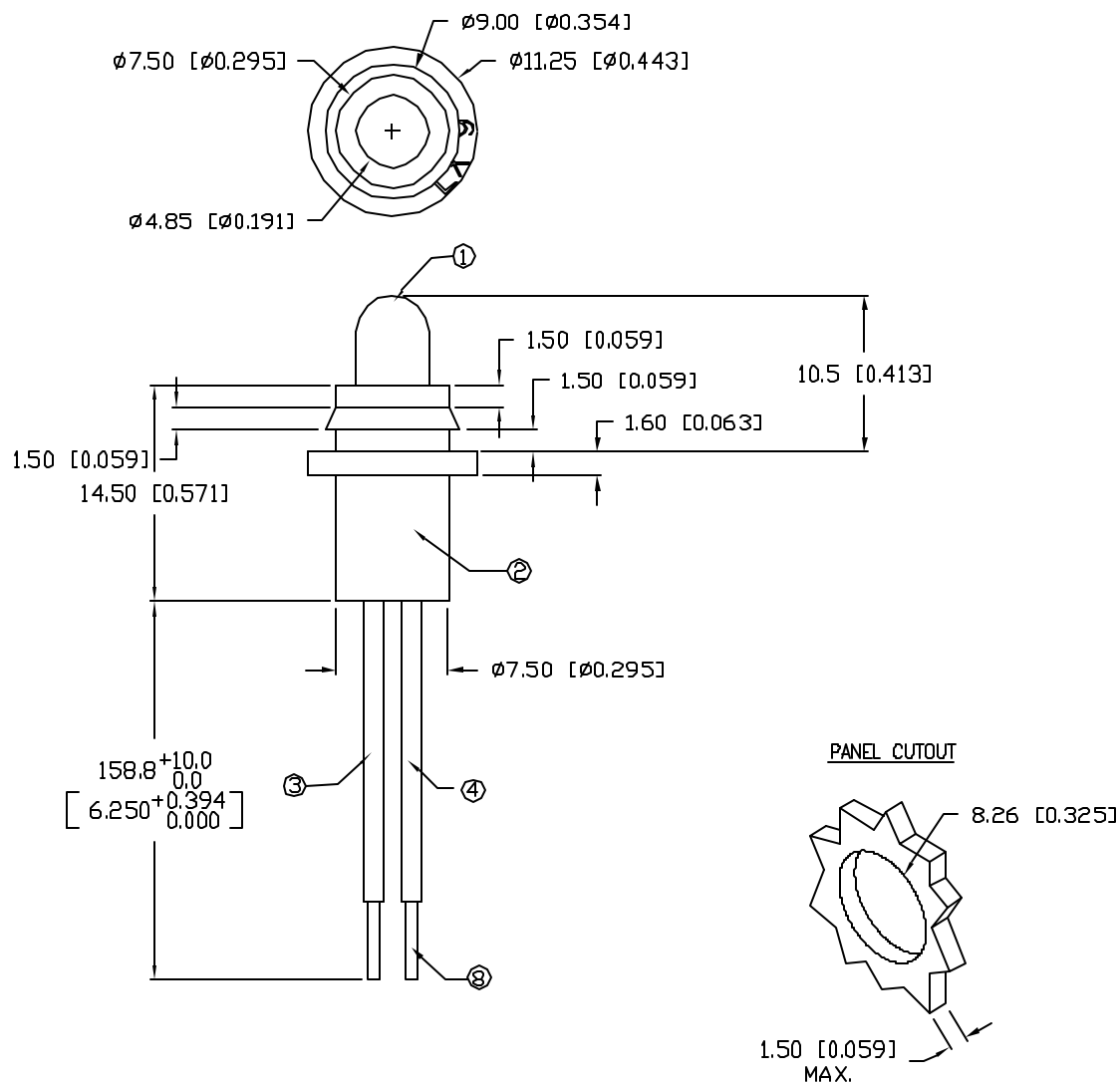


UNCONTROLLED DOCUMENT

PART NUMBER  
SSI-LXH9ZIC40587

REV.



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			$V_r$	$I_f=100\mu\text{A}$
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  $25^\circ\text{C}$

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM $25^\circ\text{C}$	-1.2	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.
- GRIMP WIRE LEADS TO LED LEADS.
- LXP-HEATSHRINK-2, 10mm (2 PCS).
- LXP-HEATSHRINK-6/2, 7mm.
- STRIPPED 2.54mm & TIN DIPPED



UNCONTROLLED DOCUMENT

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

REV.

PART NUMBER

SSI-LXH9ZIC40587

CONFIDENTIAL INFORMATION  
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC, THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.



290 E. HELEN ROAD  
PALATINE, IL 60067-6976  
PHONE: +1.847.359.2790  
US WEB: www.lumex.com  
TW WEB: www.lumex.com.tw

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

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.

DRAWN BY:

JN

CHECKED BY:

APPROVED BY:

DATE: 02.15.08

PAGE: 1 OF 1

SCALE: N/A