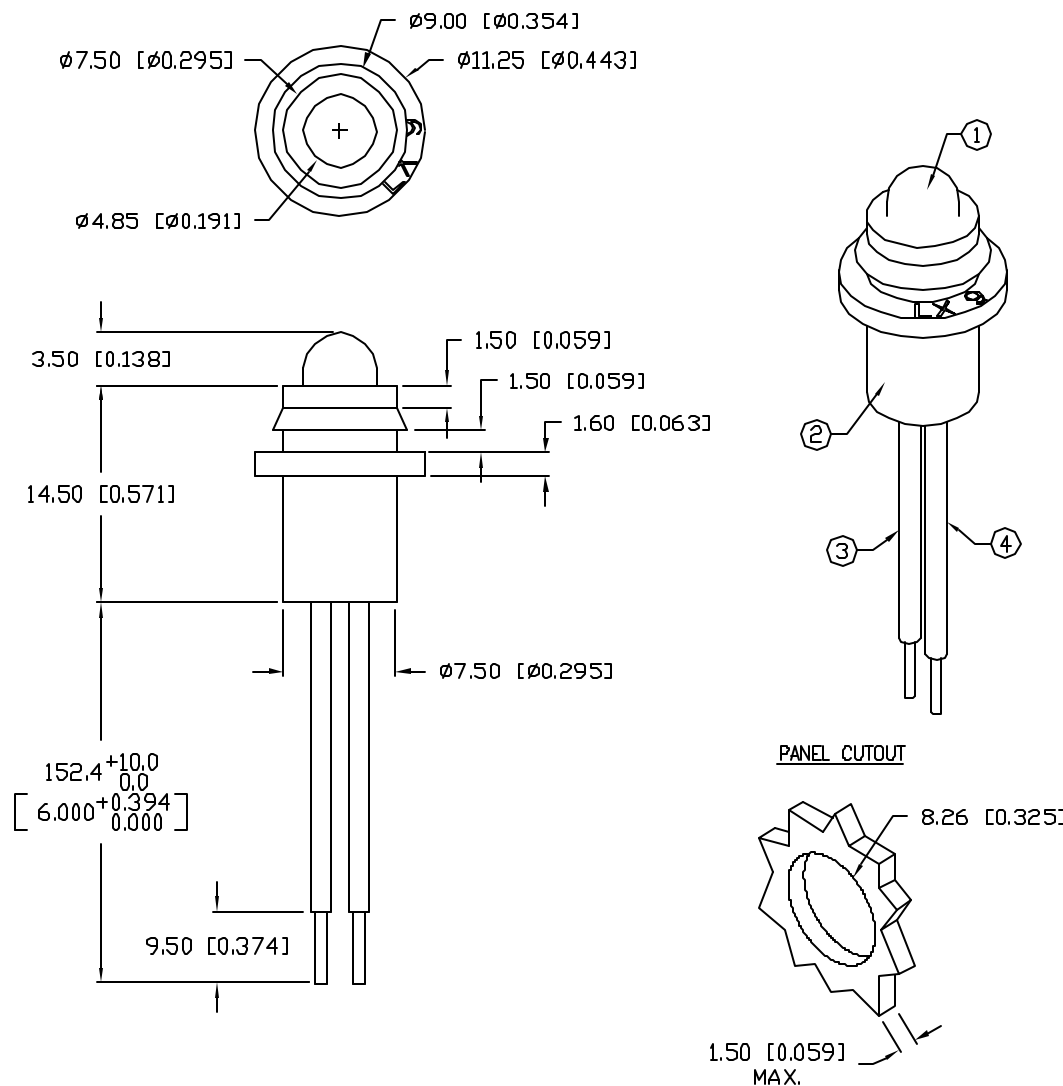


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	V_f	
REVERSE VOLTAGE	4.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY /DU	1000	1200		med	$I_f=20\text{mA}$
/DV	1300	1500		med	$I_f=20\text{mA}$
/DW	1600	1800		med	$I_f=20\text{mA}$
/E	2000	2800		med	$I_f=20\text{mA}$
/F	3500	4000		med	$I_f=20\text{mA}$
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	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

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

NOTES:

1. SSL-LX509F3SRC/X, RED LED.
2. SSH-LXH9, BLACK RUBBER HOUSING.
3. ANODE LEAD: LXP-WST24RDTQC, 24 AWG STRANDED, RED INSULATION, CUT 155mm LONG, STRIP 2mm & 9.5mm.
4. CATHODE LEAD: LXP-WST24BLTQC, 24 AWG STRANDED, BLACK INSULATION, CUT 155mm LONG, STRIP 2mm & 9.5mm.
5. CRIMP WIRE LEADS TO LED LEADS.

*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 -0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXH9SRC/X-150

T-5mm 660nm RED LED PANEL INDICATOR,
WATER CLEAR LENS, 6" WIRE 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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SCALE: N/A