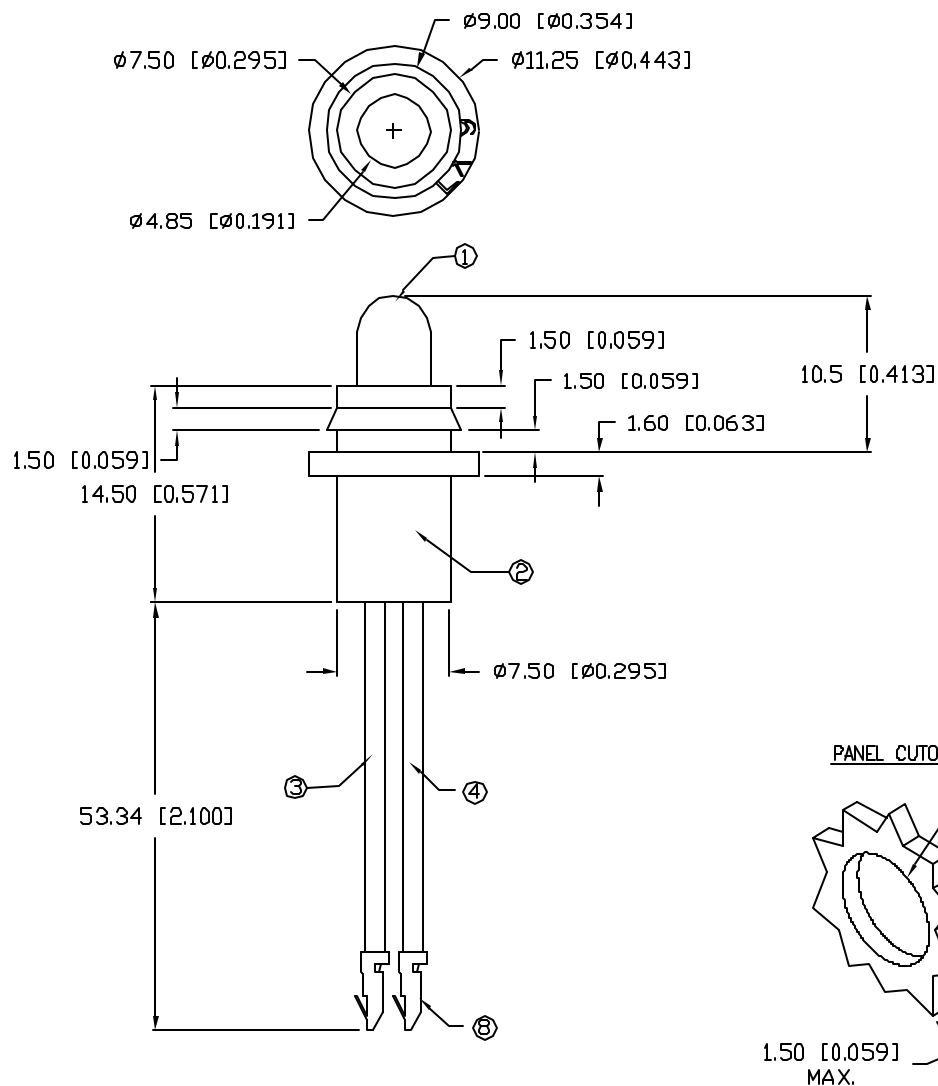
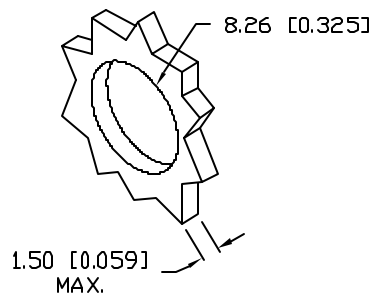


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PANEL CUTOUT



*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

PART NUMBER
SSI-LXH9IC-33892REV.
AREV. E.C.N. NUMBER AND REVISION COMMENTS
A E.C.N. #11414.DATE
5.4.07

PRELIMINARY IN P/N DIR.

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	V _f	
REVERSE VOLTAGE	4.0			V _r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		80		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	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

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

NOTES:

1. SSL-LX509F3IC, RED LED.
2. SSH-LXH9, BLACK RUBBER HOUSING.
3. ANODE LEAD: LXP-WST26RDT0C, 26 AWG STRANDED, RED INSULATION, CUT 53mm LONG, STRIP 2mm BOTH ENDS.
4. CATHODE LEAD: LXP-WST26BLT0C, 26 AWG STRANDED, BLACK INSULATION, CUT 53mm LONG, STRIP 2mm BOTH ENDS.
5. GRIMP WIRE LEADS TO LED LEADS.
6. LXP-HEATSHRINK-2, 10mm (2 PCS).
7. LXP-HEATSHRINK-5/2, 7mm.
8. MOLEX# 40-08-0605 (2 PCS)



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REV.
APART NUMBER
SSI-LXH9IC-33892T-5mm 635nm RED LED PANEL INDICATOR,
WATER CLEAR LENS, 2.00" 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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SCALE: N/A

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