

UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SSI-LXH9GD5V-180		C
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	UPDATED SPECS AND NOTES.	5.31.95
B	E.C.N. #10427.	5.15.98
C	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.8.02

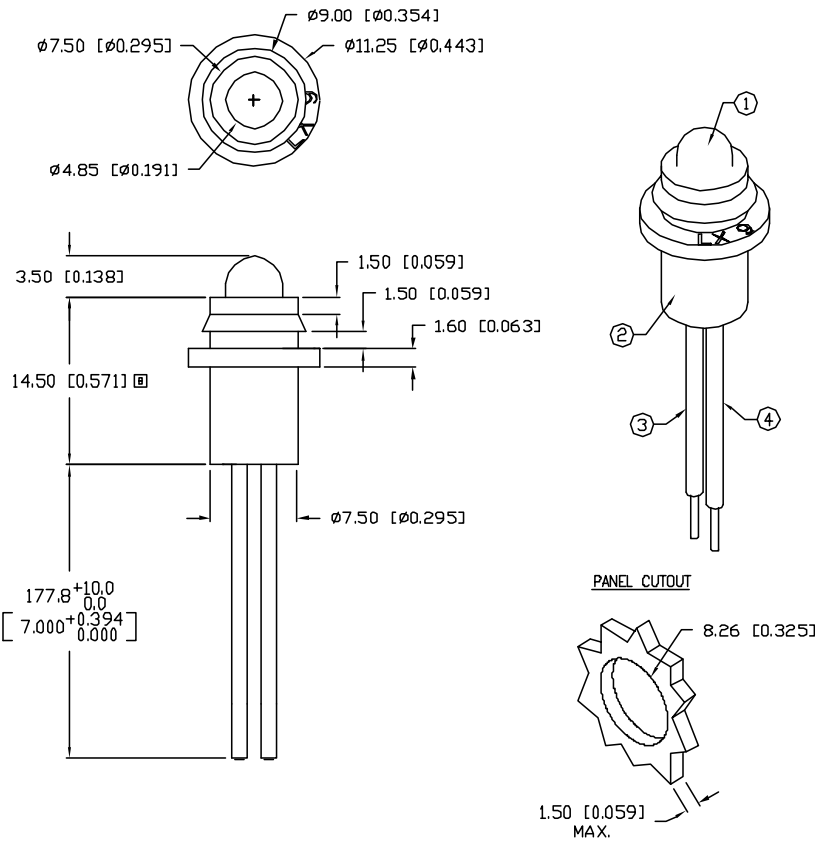
ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$   $V_f=5\text{ V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		5.0	7.0	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_f=100\mu\text{A}$
AXIAL INTENSITY		20		mcd	$V_f=5\text{ V}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT  $25^{\circ}\text{C}$


PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM $25^{\circ}\text{C}$	-1.2	$\text{mW}/^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$

- NOTES:
1. SSL-LX509F3GD-5V, GREEN LED.
  2. SSH-LXH9, BLACK RUBBER HOUSING.
  3. ANODE LEAD: LXP-WST24RDTCC, 24 AWG STRANDED, RED INSULATION, CUT 186mm LONG, STRIP 2mm ON ONE END.
  4. CATHODE LEAD: LXP-WST24BLTCC, 24 AWG STRANDED, BLACK INSULATION, CUT 186mm LONG, STRIP 2mm ON ONE END.
  5. CRIMP WIRE LEADS TO LED LEADS.



\*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= <sup>+DECIMAL PRECISION</sup> -0.00, MAX= <sup>+0.00</sup> -DECIMAL PRECISION

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T-5mm 565nm GREEN LED PANEL INDICATOR, GREEN DIFFUSED LENS, 7" WIRE LEADS, 5 VOLTS.		DRAWN BY: BC CHECKED BY: APPROVED BY:	DATE: 11.29.94 PAGE: 1 OF 1 SCALE: N/A