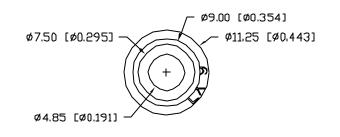
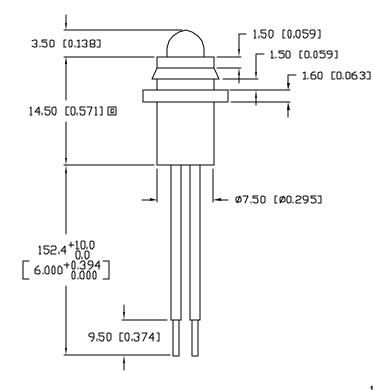
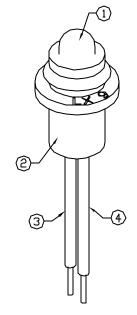
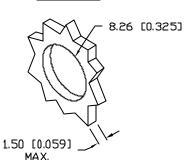
UNCONTROLLED DOCUMENT











PART NUMBER SSI-LXH9HGW-150

REV.

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
Α	CHANGED NOTES.	4,29,94
В	UPDATED SPECS AND NOTES.	5.31.95
С	E.C.N. #10427.	5.15.98
D	E.C.N. #10BRDR, & REDRAWN IN 3D.	1.8.02

ELECTRO-OPTICAL CHARACT	If=20)mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)		nm	
		565 (GREEN)	nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	v_f	
REVERSE VOLTAGE	5.0			٧ _٢	I _r =100μΑ
AXIAL INTENSITY (R/G)		5/25		mcd	lf = 20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR; RED	/GREEN	1			
EPOXY LENS FINISH: MILK	Y WHIT	E DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT		25	mΑ
POWER DISSIPATION	(R/G)	120/105	mW
DERATE FROM 25°C		-1.2	mW/ ' C
OPERATING, STORAGE TEMP.		-40 TO +85	<u>'Ć</u>

^{*} t<10µS

NOTES:

- 1. SSL-LX509F3HGW, RED/GREEN LED.
- D 2. SSH-LXH9, BLACK RUBBER HOUSING.
- ☑ 3. RED ANODE: LXP-WST24RDTOC, 24 AWG STRANDED, RED INSULATION. CUT 155mm LONG, STRIP 2mm & 9.5mm.
- 4. GREEN ANODE: LXP-WST24BLTOC, 24 AWG STRANDED, BLACK INSULATION, CUT 155mm LONG, STRIP 2mm & 9.5mm.
 - 5. CRIMP WIRE LEADS TO LED LEADS.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.0010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECINAL PRECISION MAX.= +0.00 (±0.002), XXX=±0.127 (±0.005).

REV. PART NUMBER SSI-LXH9HGW-150

> T-5mm RED/GREEN LED PANEL INDICATOR, MILKY WHITE DIFFUSED LENS, 6" 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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