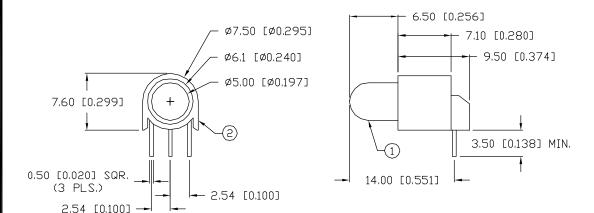
## SSF-LXH139IGW-LF



ELECTRO-OPTICAL CHARACT	ERISTICS	S TA=25°C	$I_{f} = 20$	mA		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
PEAK WAVELENGTH		635 (RED)		nm		
		565 (GREEN	>	пm		
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	$V_{f}$		
REVERSE VOLTAGE	5.0			$V_{\Gamma}$	$I_r = 100 \mu A$	
AXIAL INTENSITY (R/G)		40/30		mcd	If = 20mA	
VIEWING ANGLE		60		2x theta		
EMITTED COLOR: RED,	/GREEN					
EPOXY LENS FINISH: MILKY WHITE DIFFUSED						

1. SSL-LX5099IGW-LF LED.

NOTES:

- 2. SSH-LXH139 HOLDER, BLACK.
- 3. LEAD AND CADMIUM FREE.

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(Y/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW∕°C
OPERATING, STORAGE TEMP.		-40  TO  +85	°C
SOLDERING TEMP.		+ 260	°C
2.0mm FROM BODY			3 SEC. MAX

\* t<10µS

UNCONTROLLED DOCUMENT \*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 ARE: X=±1 (±0.039), X.X=±0.5 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003), MIN= +DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.002), MIN= +DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.002), MIN= +DECIMAL PRECISION ARE: X=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.002), MIN= +DECIMAL PRECISION ARE: X=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), MIN= +DECIMAL PRECISION ARE: X=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), MIN= +DECIMAL PRECISION ARE: X=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), MIN= +DECIMAL PRECISION ARE: X=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), MIN= +DECIMAL PRECISION ARE: X=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), MIN= +DECIMAL PRECISION ARE: X=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), MIN= +DECIMAL PRECISION ARE: X=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), MIN= +DECIMAL PRECISION ARE: X=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.005). LEAD SIZE=±0.0

REV.

PART NUMBER SSF-LXH139IGW-LF

5mm RIGHT ANGLE INDICATOR, RED/GREEN BICOLOR LED MILKY WHITE DIFFUSED LENS, COMMON CATHODE, LEAD AND CADMIUM FREE.

COMMON CATHODE

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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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APPROVED BY: DATE: 1.19.04 PAGE: 1 OF 1 SCALE: N/A

RELIABILITY NOTE