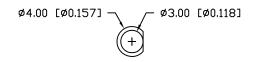
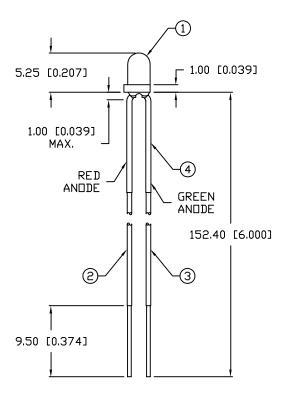
## SSI-I X3054IGW-150





ELECTRO-OPTICAL CHARACT	mA				
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	_
	565 (GREEN)			nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	۷f	
REVERSE VOLTAGE	5.0			$V_r$	Ir=100µA
AXIAL INTENSITY (R/G)		30/20		mcd	If = 20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR: RED,	GREEN				
EPOXY LENS FINISH: MILK	Y WHITE	DIFFUSED			

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.6	mW/°C
OPERATING, STORAGE TEMP.		- 40 TO +85	.C
SOLDERING TEMP.		+ 260	<b>.</b> C
2.0mm FROM BODY			3 SEC. MAX

<sup>\*</sup> t<10uS

## NOTES:

- 1. SSL-LX3054IGW LED, CUT LEADS TO 5mm.
- 2. RED ANODE LEAD: LXP-WST24RDTOC, CUT 153mm, STRIP 3.0mm & 9.5mm.
- 3. GREEN ANODE LEAD: LXP-WST24BLTOC, CUT 153mm, STRIP 3.0mm & 9.5mm.
- 4. HEATSHRINK: LXP-HEATSHRINK-2, 13mm LONG (2 PCS.).
- 5. CRIMP OR SOLDER 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 -DECIMAL PRECI

REV.

PART NUMBER SSI-LX3054IGW-150

T-3mm (T-1) LED, RED/GREEN LED, MILKY WHITE DIFFUSED WITH 6" WIRE LEADS.

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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.



CT

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CHECKED BY: APPROVED BY: DATE: 10.17.03 DRAWN BY:

PAGE: 1 OF 1 SCALE: N/A