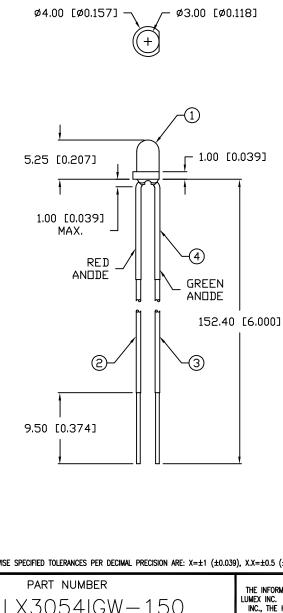
## UNCONTROLLED DOCUMENT



part number SSI—LX3054IGW—150

ELECTRO-OPTICAL CHARACT	ERISTICS	6 TA=25°C	lf=20	)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	٧f	
REVERSE VOLTAGE	5.0			٧r	Aµ00.1 r
AXIAL INTENSITY (R/G)		30/20		mcd	lf=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	°Ċ
SOLDERING TEMP.		+ 260	•C
2.0mm FROM BODY			3 SEC. MAX

\* t<10µS

## 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: $X=\pm1$ (±0.03)	3), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LE	(±0.002),	CONTRO LEAD LENGTH=±0.75 (±0.03	I ED DOCUMENT i0). MIN= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION
REV.	PART NUMBER	<u>CONFIDENTIAL INFORMATION</u> THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF	I IILA		) E. HELEN ROAD ATINE, IL 60067—6976
	SSI-LX3054IGW-150	LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	We Territe Phatons To Wa	PHC US	WEB: www.lumex.com WEB: www.lumex.com
T–3m	nm (T-1) LED, RED/GREEN LED, MILKY WHITE DIFFUSED,		DRAWN BY:	This Lots	APPROVED BY: DATE: 10.17.03
	WITH 6" WIRE LEADS.	SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.	СТ		PAGE: 1 OF 1 SCALE: N/A

## **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex: SSI-LX3054IGW-150