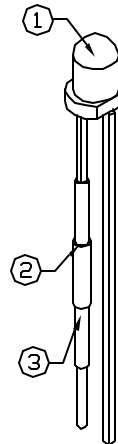
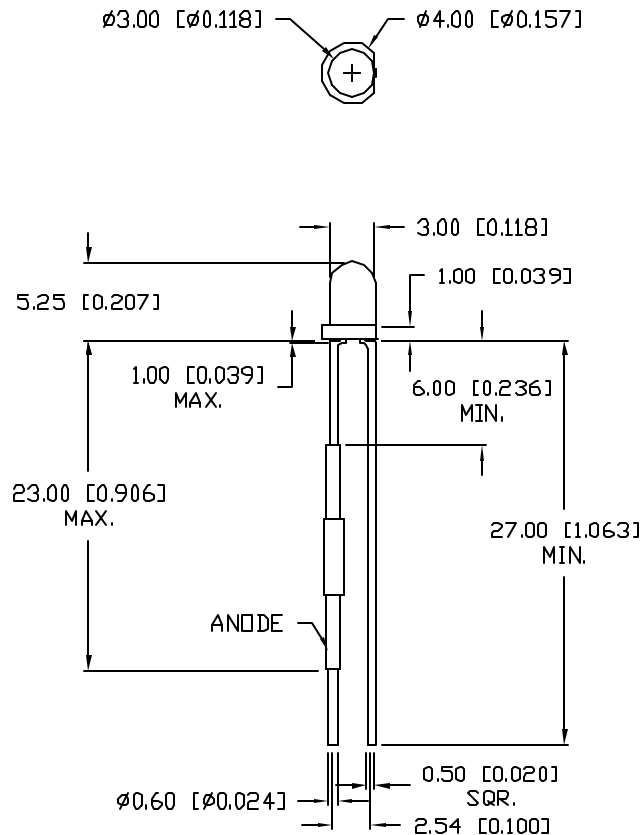


REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11021.	8.1.03

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $V_f=24\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		24	26	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		4		mcd	$V_f=24\text{V}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	26	V
STEADY CURRENT	10	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.8	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY		3 SEC. MAX

NOTES:

1. SSL-LX3054ID, RED LED, RED DIFFUSED, TRIM ANODE LEAD TO 11mm.
2. RESISTOR 2400 1/4W. TRIM LEAD TO 5.00mm ONE SIDE.
3. HEATSHRINK-3, 3/32" x 13mm LONG.

*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}-0.00 MAX.=^{+0.00}-DECIMAL PRECISION

REV.

A

PART NUMBER

SSI-LX3054ID-24V

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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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GT

CHECKED BY:

APPROVED BY:

DATE: 3.6.02

PAGE: 1 OF 1

SCALE: N/A

T-3mm (T-1) 635nm HIGH INTENSITY RED LED,
RED DIFFUSED LENS, 24 VOLT OPERATION.

Mouser Electronics

Authorized Distributor

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