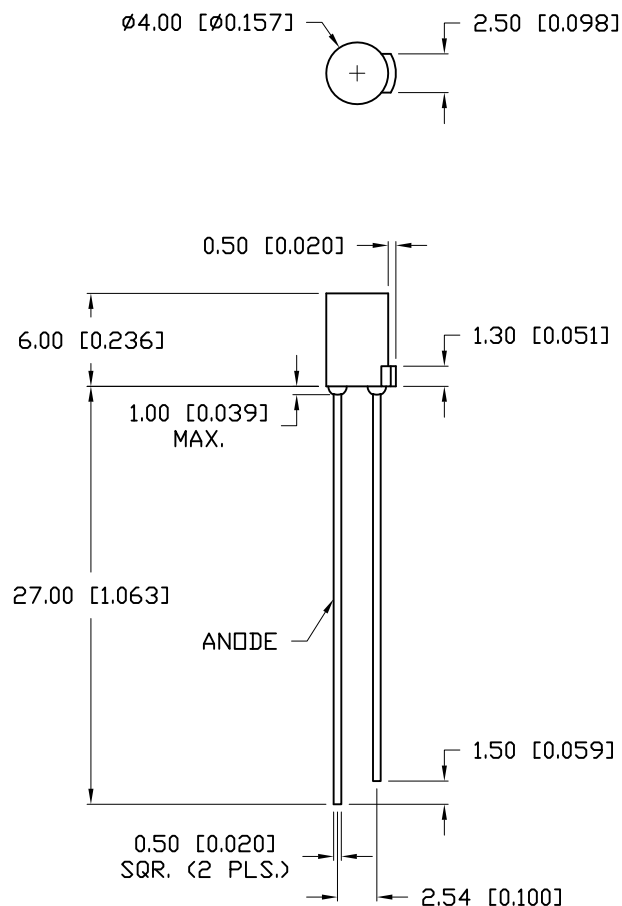


PART NUMBER	SSL-LX40FT3GD	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.18.01	E.C.N. #10BRDR. & REDRAWN & REDRAWN IN 3D.		A
02.22.13	E.C.N. #10BRDR. & REDRAWN.		B

A

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		8		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		100		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	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

* $t < 10\mu\text{s}$

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

UNCONTROLLED DOCUMENT

T-4mm FLAT TOP, 565nm GREEN LED, GREEN DIFFUSED LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	02.22.13	DRAWN BY:	MA
PAGE:	1 OF 1	CHKD BY:	BC
SCALE:	NTS	APRVD BY:	BC
UNIT:	mm [INCH]		(Pb)

Mouser Electronics

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