PART NUMBER	SSL-LX3059IGW-TR rev.	Е
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.
01.09.01	E.C.N. #10700.	Α
09.27.05	E.C.N. #11276.	В
04.30.07	E.C.N. #11412.	С
03.24.14	E.C.N. #11900.	D
03.24.14	E.C.N. #10BRDR. & REDRAWN.	E

Α

		12.70 [0.500]	-
	Ø3.00 [Ø0.118]		
18.00 [0.709] ————————————————————————————————————	1.00 [0.039] -	6.53±0.50 [c] [0.257±0.020] [c] 19.00 [0.748]	
<u> </u>		9.00 [0.354]	
	0 [0.020] 2.54 SQR. 4 [0.100]	# [0.100]	Ш

	ELECTRO-OPTICAL CHARACTERISTICS			mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		627 (RED)		nm	
		565 (GREEN	l)	nm	
FORWARD VOLTAGE (R/	′G)	2.0/2.2	2.5/2.5	۷f	
REVERSE VOLTAGE	5.0			$V_r$	Ir=100µA
AXIAL INTENSITY		40		mcd	If = 20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/GREEN	l			
EPOXY LENS FINISH:	MILKY WHIT	e diffused			

LIMITS OF SAFE OPERATION AT 25°C

	ENVITO OF SALE OF ENVITOR AT 200				
D	PARAMETER	COLORS	MAX	UNITS	
	PEAK FORWARD CURRENT*	(R/G)	160/140	mA	
	STEADY CURRENT	(R/G)	30/25	mA	
	POWER DISSIPATION	(R/G)	75/62.5	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

<u> </u>	11 101 11			1.43 [0.056] MAX.
0.70 [0.028]		505511		<del>-</del>
		GREEN _/ AN□DE	\_ RED AN□DE	

\*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=  $^{+0.00}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.000}$  PRECISION  $^{+0.00}_{-0.000}$  MAX.=  $^{+0.00}_{-0.000}$  PRECISION  $^{+0.000}_{-0.000}$  PRECISION  $^{+0.000}_{-0.0$ 

T-3mm TRI-LEADED LED, BICOLOR RED/GREEN, COMMON CATHODE, MILKY WHITE DIFFUSED LENS, TAPE AND REEL.

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

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UNCONTROLLED DOCUMENT DATE: 03.24.14 DRAWN BY: MA PAGE: 1 OF 1 CHKD BY: KF SCALE: NTS APRVD BY: KF UNIT: mm [INCH] (Pb)

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