



ELECTRO-OPTICAL CHARACTERISTICS I <sub>A</sub> =25°C					
I <sub>F</sub> =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636 (RED)		nm	
		590 (YELLOW)		nm	
FORWARD VOLTAGE (V <sub>F</sub> )		2.0/2.1	2.5/2.5	V <sub>F</sub>	I <sub>F</sub> =100μA
REVERSE VOLTAGE		5.0		V <sub>R</sub>	I <sub>F</sub> =20mA
AXIAL INTENSITY		250		mcd	
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:		RED/YELLOW			
EPOXY LENS FINISH:		MILKY WHITE			

LIMITS OF SAFE OPERATION AT 25°C				
PARAMETER	COLORS	MAX	UNITS	
PEAK FORWARD CURRENT*		150	mA	
STEADY CURRENT	(R/Y)	30/30	mA	
POWER DISSIPATION		100	mW	
DERATE FROM 25°C		-1.6	mW/°C	
OPERATING, STORAGE TEMP.		-40 TO +85	°C	
SOLDERING TEMP.		+260	°C	
2.0mm FROM BODY			3 SEC. MAX	

\* t<10μS

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (+0.039), XX=±0.5 (+0.020), XXX=±0.25 (+0.010), XXXX=±0.127 (+0.005), LEAD SIZE=±0.05 (+0.002), LEAD LENGTH=±0.75 (+0.030), MIN= -0.00, MAX= +0.00, DECIMAL PRECISION

REV.

PART NUMBER

SSL-LX3059SISYW

T-3mm TRI-LEADED LED, BICOLOR LED,  
SUPER HIGH INTENSITY RED, SUPER YELLOW,  
COMMON CATHODE, MILKY WHITE DIFFUSED LENS.

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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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