



ELECTRO-OPTICAL CHARACTERISTICS I<sub>A</sub>=25°C I<sub>F</sub>=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		586 (YELLOW)		nm	
		566 (GREEN)		nm	
FORWARD VOLTAGE (V <sub>F</sub> /G)		2.0/2.2	2.5/2.6	V <sub>F</sub>	I <sub>F</sub> =1.00mA
REVERSE VOLTAGE		5.0		V <sub>R</sub>	I <sub>F</sub> =20mA
AXIAL INTENSITY (Y/G)		200/150		mcd	
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:		YELLOW/GREEN			
EPOXY LENS FINISH:		WATER CLEAR			

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		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

\* I<sub>C</sub><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

PART NUMBER  
SSL-LX5099YGCC

REV.  
T-5mm (T-1 3/4) 585nm YELLOW/565nm GREEN BICOLOR  
LED, WATER CLEAR LENS, COMMON CATHODE.

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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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