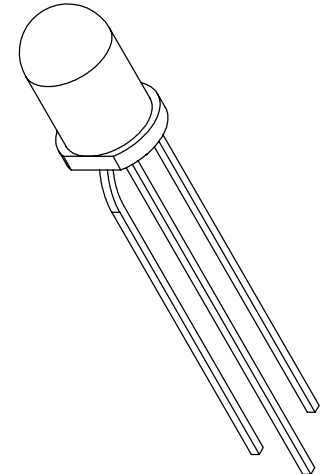




**THE DATASHEET OF
SSL-LX5099YGW-CA**



PART NUMBER	SSL-LX5099YGW-CA		REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.	
11.08.06	E.C.N. #111148.		REV.	A



ELECTRO-OPTICAL CHARACTERISTICS I_A=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	565 (YELLOW)			nm	
	565 (GREEN)			nm	
FORWARD VOLTAGE (V _F)	2.1/2.2		2.5/2.6	V _F	I _F =100μA
REVERSE VOLTAGE	5.0			V _R	I _F =20mA
AXIAL INTENSITY (Y/G)		20		mcd	
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (Y/G)	30/25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm. FROM BODY		3 SEC. MAX

* I<100S

20.49 [0.807] MIN.

GREEN CATHODE

SRR. TYP.

0 [0.232]

0 [0.197]

HELEN ROAD
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T-5mm (T-1 3/4) YELLOW/GREEN BICOLOR LED, MILKY WHITE DIFFUSED LENS, COMMON ANODE.
THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT
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DATE:	11.08.06	DRAWN BY:	JN
PAGE:	1 OF 1	CHKD BY:	BC
SCALE:	NTS	APRVD BY:	BC
UNIT:	mm [INCH]		

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