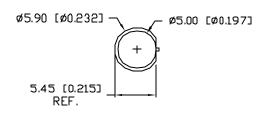
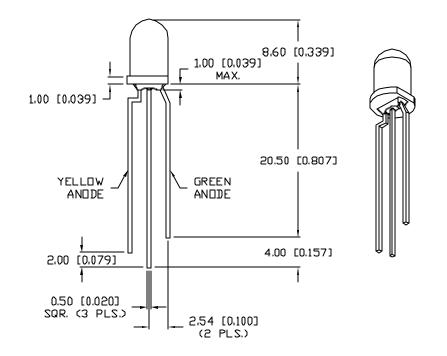
SSL-LX5099SYSGW





ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA								
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND			
PEAK WAVELENGTH		590 (YELLO\	V)	nm				
		565 (GREEN	l)	nm				
FORWARD VOLTAGE (Y/G)		2.0/2.2	2.5/2.6	۷f				
reverse voltage	5.0			٧ _٢	I _r =100μΑ			
AXIAL INTENSITY (Y/G)		150/60		mcd	lf=20mA			
VIEWING ANGLE		60		2x theta				
EMITTED COLOR: YELL	OW/GF	KEEN						
EPOXY LENS FINISH: MILKY WHITE DIFFUSED								

LIMITS	ΟF	SAFE	OPERATION	ΑT	25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(Y/G)	30/25	mΑ
POWER DISSIPATION	, , ,	105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO + 65	ťĊ
SOLDERING TEMP.		+ 260	Υ.
2.0mm FROM BODY			3 SEC. MAX

^{*} t<10µS

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XXx=±0.5 (±0.020), XXXx=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002),

REV.

PART NUMBER SSL-LX5099SYSGW

T-5mm (T-1 3/4) SUPER YELLOW/SUPER GREEN LED. MILKY WHITE DIFFUSED 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.



290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 PHONE: (847) 359-2790 WEB: http://www.lumex.com

GK/BC

CHECKED BY: APPROVED BY: DATE: 10.19.00

PAGE: 1 OF 1 SCALE: N/A

PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

Mouser Electronics

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