

Excellent Integrated System Limited

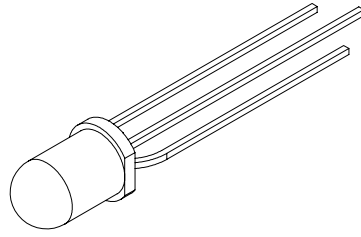
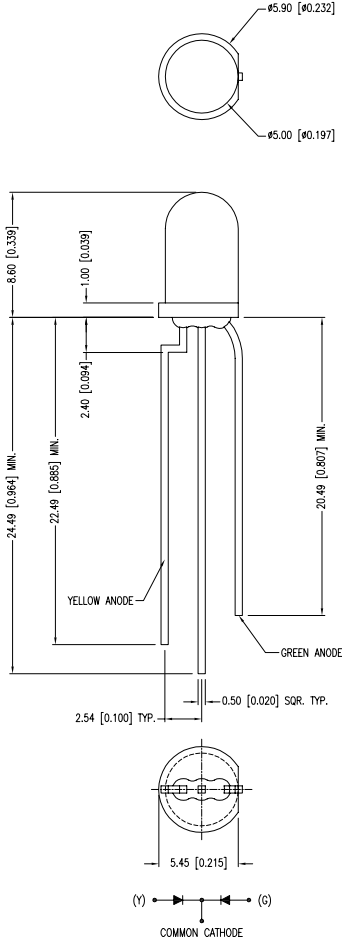
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Lumex, Inc.](#)
[SSL-LX5099YGC](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (V/G)		2.0/2.2	2.5/2.6	V_f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V_r	$I_f=20\text{mA}$
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	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

* $t < 10\mu\text{s}$

*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= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION MAX.= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION UNCONTROLLED DOCUMENT

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

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

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DATE:	11.28.07	DRAWN BY:	JN
PAGE:	1 OF 1	CHKD BY:	BC
SCALE:	NTS	APRVD BY:	BC
UNIT:	mm [INCH]		