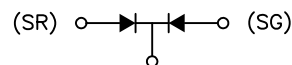
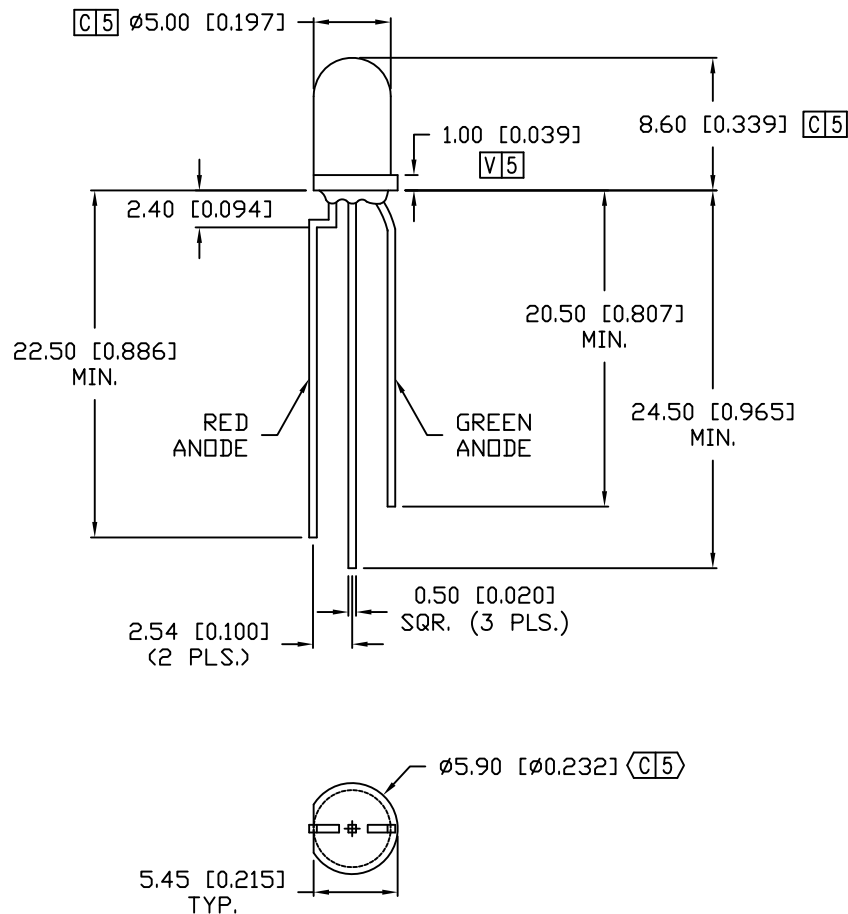


REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	11.08.06



COMMON CATHODE

[CM] [C3] [C3]

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

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		1.7/2.2	2.2/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G)		500/140		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		30		2x theta	
[L5] EMITTED COLOR:		RED/GREEN			
[V5] 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	(R/G)	100/105	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

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

UNCONTROLLED DOCUMENT

REV.

PART NUMBER

A

SSL-LX5099SRSGC/R

T-5mm (T-1 3/4) LED, SUPER RED/SUPER GREEN BICOLOR,
WATER CLEAR LENS, COMMON CATHODE.

CONFIDENTIAL INFORMATION

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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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			SCALE: N/A

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