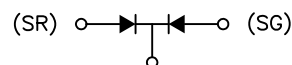
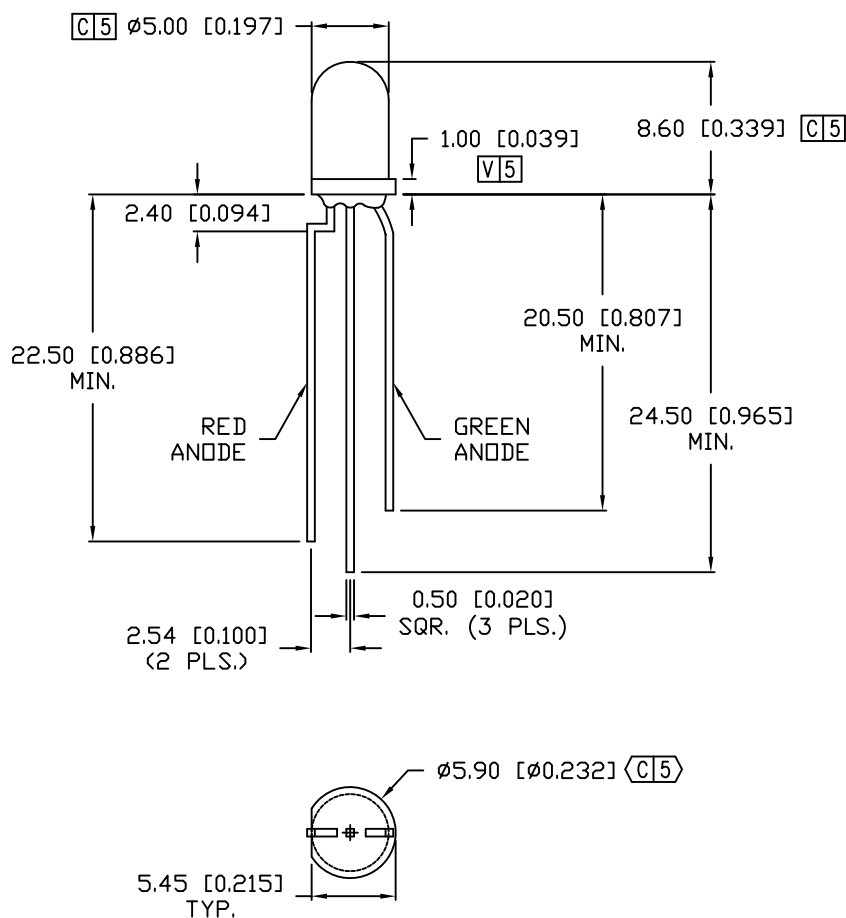


REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	11.08.06



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°C I _f =20mA				
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 =100µA
AXIAL INTENSITY (R/G)		500/140		mcd I _f =20mA
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<10µS

UNCONTROLLED DOCUMENT

REV. A PART NUMBER 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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DRAWN BY: JC	CHECKED BY:	APPROVED BY:	DATE: 11.08.06 PAGE: 1 OF 1 SCALE: N/A
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