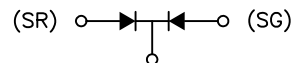
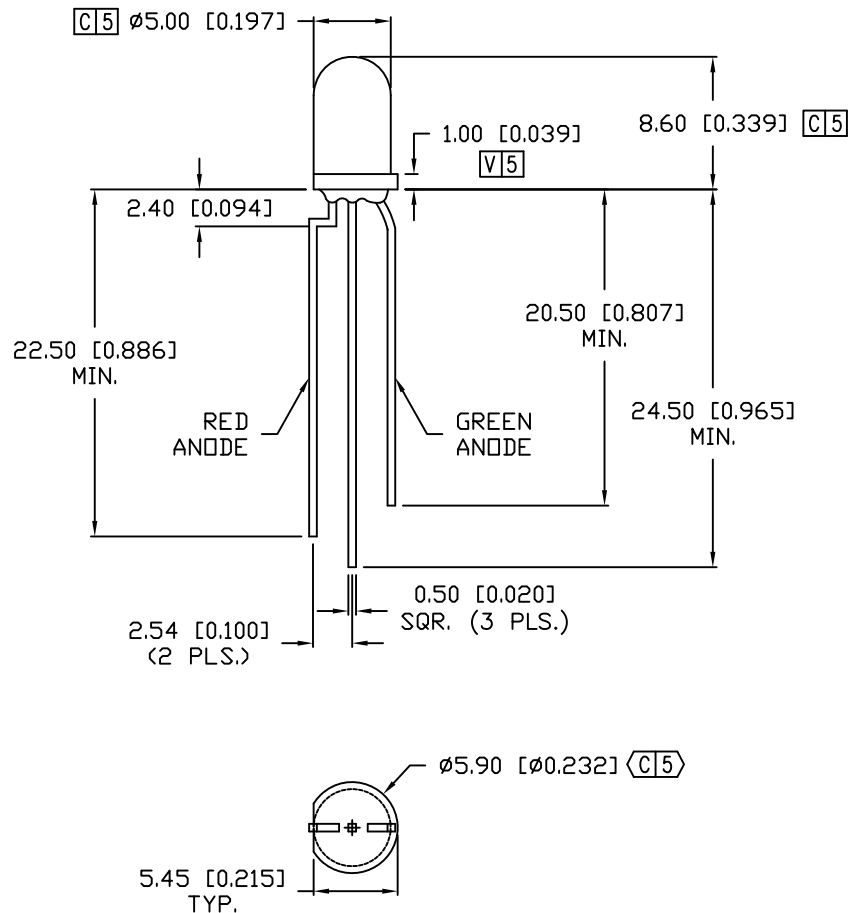


REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	11.08.06



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.	PART NUMBER	CONFIDENTIAL INFORMATION		LUMEX		425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.ITWCS.COM	
A	SSL-LX5099SRSGC/R	THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.		Creating LED and LCD Solutions Together™			
T-5mm (T-1 3/4) LED, SUPER RED/SUPER GREEN BICOLOR, WATER CLEAR LENS, COMMON CATHODE.		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.		DRAWN BY: JC	CHECKED BY:	APPROVED BY:	DATE: 11.08.06 PAGE: 1 OF 1 SCALE: N/A