Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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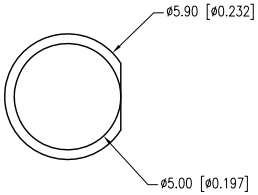
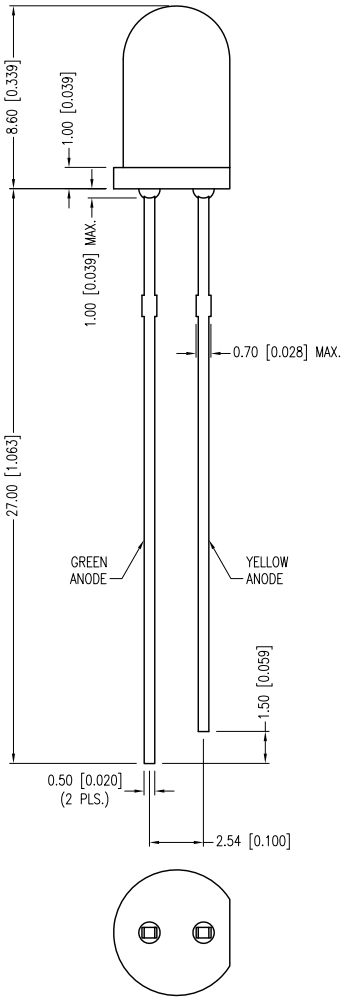
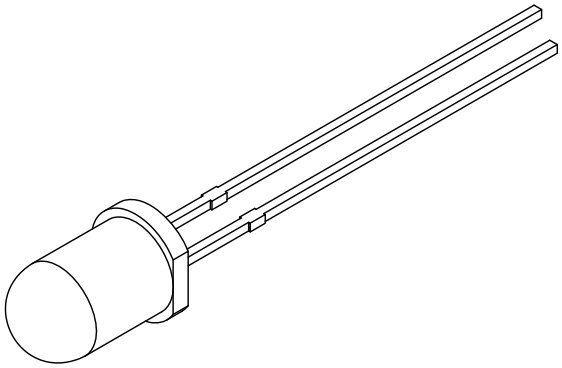
UNCONTROLLED DOCUMENT

PART NUMBER	SSL-LX5093GYW	REV.	D

DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.
08.25.94	REDRAWN.	A
05.29.01	E.C.N. #10BRDR. & REDRAWN IN 3D.	B
10.19.06	E.C.N. #11148.	C
02.01.12	E.C.N. #10BRDR. & REDRAWN.	D







ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	(G/Y)	565/585		nm	
FORWARD VOLTAGE	(G/Y)	2.2/2.1	2.6/2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY	(G/Y)	20/15		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN/YELLOW				
LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (G/Y)	25/30	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.

* t<10µS

*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 -0.00 MAX.= +0.00 -DECIMAL PRECISION

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MEMBER OF ITW PHOTONICS GROUP

QUASARBRITE T-5mm (T-1 3/4) 565nm GREEN/585nm YELLOW LED, MILKY WHITE DIFFUSED LENS.

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

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DATE: 02.01.12	DRAWN BY: AB
PAGE: 1 OF 1	CHKD BY: KF
SCALE: NTS	APRVD BY: KF
UNIT: mm [INCH]	Pb