

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!



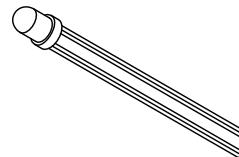
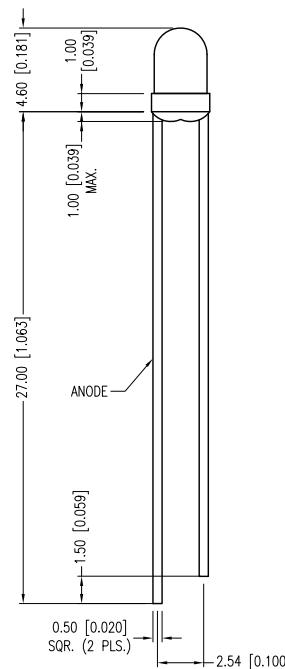
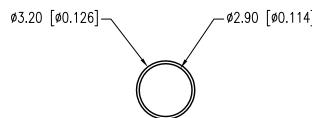
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PART NUMBER	SSL-LX3044GD-12V	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
04.28.92	REMOVED FLAT EDGE FROM FLANGE.	A	
11.28.94	UPDAD SPECS.	B	
05.08.01	E.C.N. #10BRDR. & REDRAWN.	C	
11.09.12	E.C.N. #10BRDR. & REDRAWN.	D	



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ C$ $V_f=12V$			
PARAMETER	MIN	TYP	MAX
PEAK WAVELENGTH		565	nm
FORWARD VOLTAGE		12	$V_f$
REVERSE VOLTAGE	5.0		$V_r$ $I_r=100\mu A$
AXIAL INTENSITY		6	mcd $I_f=20mA$
VIEWING ANGLE		60	2x theta
EMITTED COLOR:	GREEN		
LENS FINISH:	GREEN DIFFUSED		

LIMITS OF SAFE OPERATION AT $25^\circ C$		
PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE*	14	V
STEADY CURRENT	12	mA
POWER DISSIPATION	105	mW
DERATE FROM $25^\circ C$	-1.6	$mW/^\circ C$
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

\*  $t < 10\mu s$ 

\*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= -0.00 MAX= +0.00 DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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MEMBER OF ITW PHOTONICS GROUP

T-3mm (T-1) 565nm GREEN LED, GREEN DIFFUSED LENS, 12 VOLT OPERATION.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*  
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SCALE: NTS	APRVD BY: SS
UNIT: mm [INCH]	NO