



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!



## Contact us

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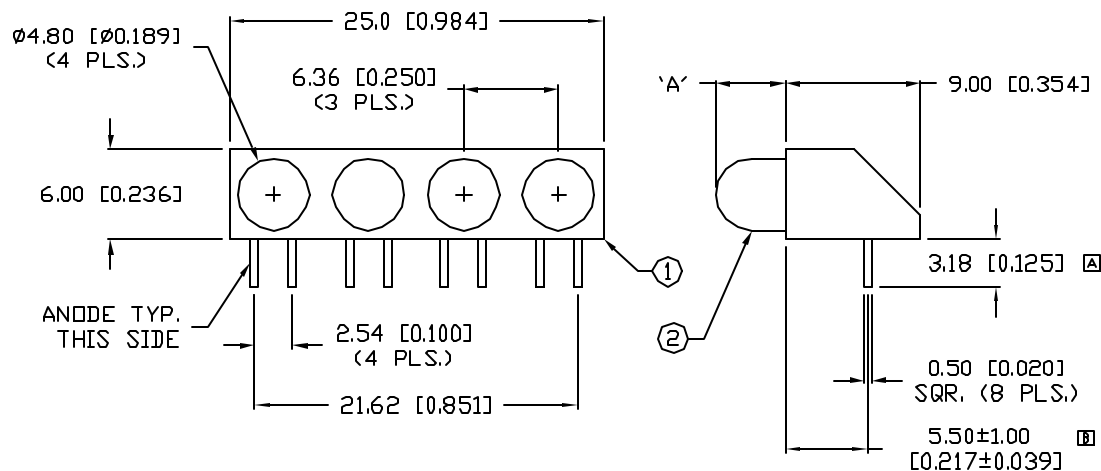


UNCONTROLLED DOCUMENT

PART NUMBER  
SSF-LXH400GD-5V(-1)

REV.  
D

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D LEAD LENGTH AND DIM 'A'	11-3-93
B	E.C.N. #10303.	2-3-97
C	E.C.N. #10314.	2-27-97
D	E.C.N. #10622.	5-10-00



NOTES:

- SSH-LXH400 HOLDER, BLACK.
- NO SUFFIX: SSL-LX507F3GD-5V, GREEN LED. (4 PCS.)  
(-1) SUFFIX: SSL-LX509F3GD-5V, GREEN LED. (4 PCS.)
- PACKAGE PARTS IN ANTISTATIC TUBES.

□ DIM 'A'

WITH NO SUFFIX: 2.50 ± 0.50 [0.126 ± 0.020]  
WITH -1 SUFFIX: 4.70 ± 0.50 [0.187 ± 0.020]

□ ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$   $V_f=5\text{ V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		5.0	7.0	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY		20		mcd	$V_f=5\text{ V}$
VIEWING ANGLE		60		$2x$ theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

□ LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM $25^\circ\text{C}$	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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

\*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. <sup>+DECIMAL PRECISION</sup> <sub>-0.00</sub> MAX. = <sup>+0.00</sup> <sub>-0.00</sub> DECIMAL PRECISION

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T-5mm (T-1 3/4) 565nm GREEN LEDS, 4 POSITIONS,  
GREEN DIFFUSED LENS, 5 VOLT OPERATION.

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: CW/BC	CHECKED BY:	APPROVED BY:	DATE: 7-6-93
			PAGE: 1 OF 1
			SCALE: N/A