



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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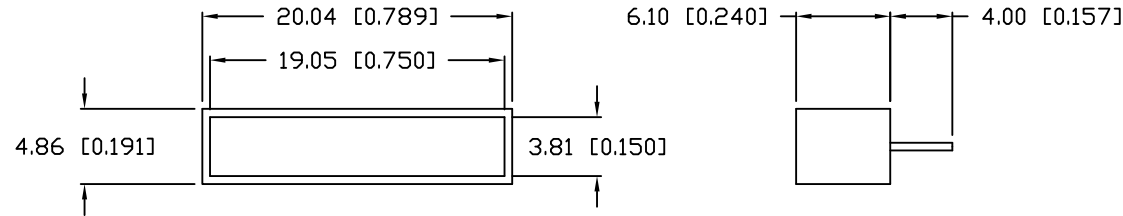
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PART NUMBER
SSB-LX2550GD

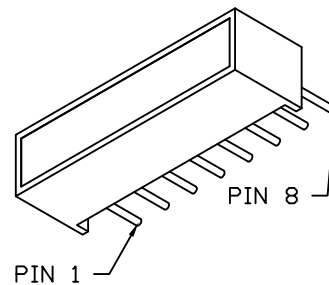
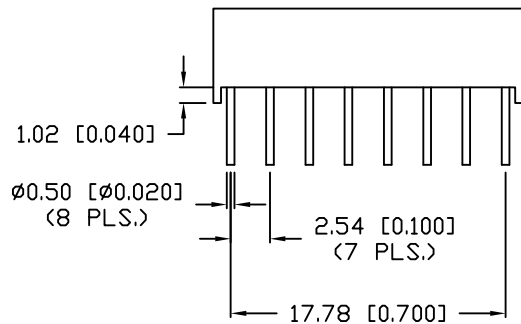
REV.
A

DATE	E.C.N NUMBER AND REVISION COMMENTS	REV.
09.02.16	ECN-Lumex201600059	A



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$

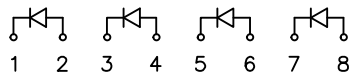
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE			5.0	V_r	$I_f=100\mu\text{A}$
LUMINOUS INTENSITY		50		mcd	$I_f=20\text{MA}$
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				



LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
FORWARD CURRENT	20	mA
OPERATING, STORAGE TEMP.	- 40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.*	MAX. 3SEC.@260	$^{\circ}\text{C}$

* 2mm BELOW PACKAGE BASE



*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

REV. A	PART NUMBER SSB-LX2550GD
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5mm x 20mm 4 CHIP LIGHT BAR,
565nm GREEN CHIPS, GREEN DIFFUSED.

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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Creating LED and LCD Solutions Together™

DRAWN BY: K.Y.	CHECKED BY: G.Y.	APPROVED BY: R.C.	DATE: 09.02.16 PAGE: 1 OF 1 SCALE: N/A
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