



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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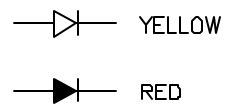
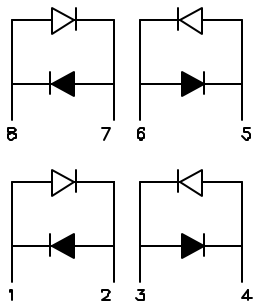
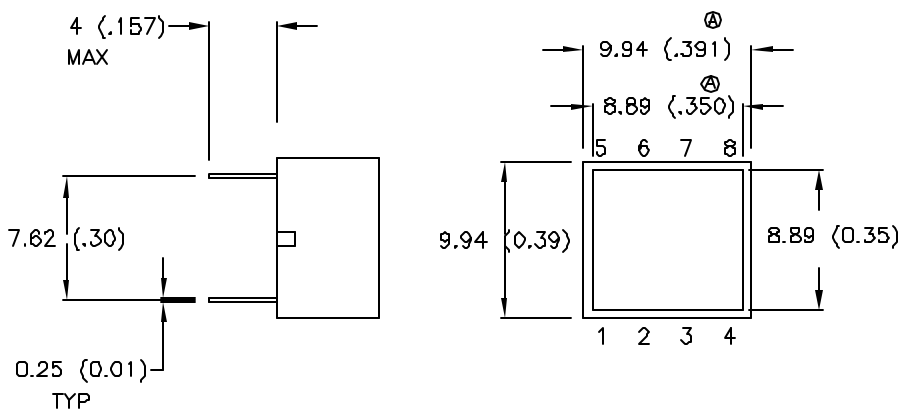


DATE	REVISIONS	REV
9-16-96	E.C.N. #10241./	A

DRAWING NUMBER	REV
SSB-LX29501YW	A

ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $I_f = 20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED) 585 (YELLOW)		nm	
FORWARD VOLTAGE (R/Y)		2.1	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f = 100\mu\text{A}$
AXIAL INTENSITY (R/Y)		25		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		160		2x theta	
EMITTED COLOR		RED/YELLOW			
EPOXY LENS FINISH		MILKY WHITE DIFFUSED			



LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*(R/Y)	150	mA
STEADY CURRENT (R/Y)	30	mA
POWER DISSIPATION (R/Y)	105	mW
DERATE FROM 25°C	-0.42	mW/°C
OPERATING, STORAGE TEMP	-20 TO +85	°C
LEAD SOLDERING TEMP	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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

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.

LUMEX OPTO COMPONENTS INC.		290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (847) 359-2790	
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DATE:	12-20-95	DWN:	
SCALE:	N/A	CHK'D:	
		APPD:	
8.89mm x 8.89mm LIGHT BAR, RED/YELLOW BICOLOR, MILKY WHITE DIFFUSED			
PAGE	1 OF 1	DRAWING NUMBER	SSB-LX29501YW
		REV	A

UNIT: mm (INCHES)
TOLERANCE: ± 0.25 (± 0.01) UNLESS OTHERWISE SPECIFIED.