



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

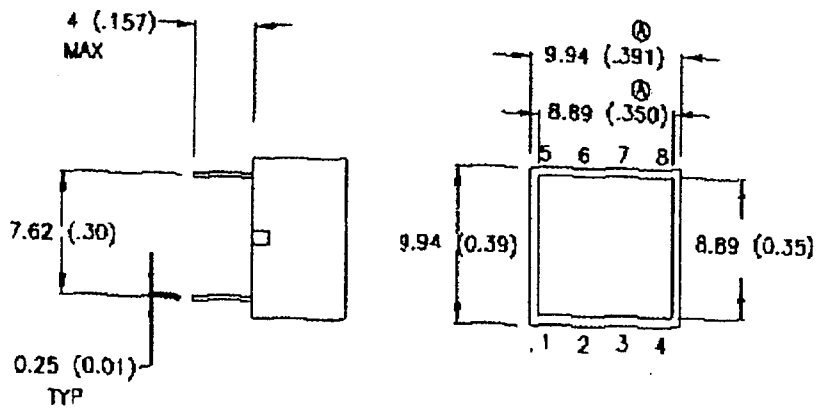
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



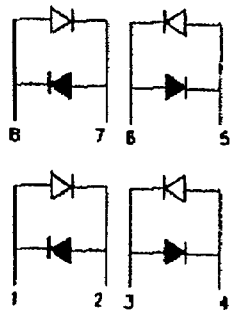
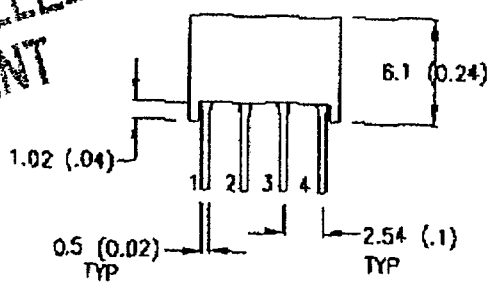
DATE	REVISIONS	A
9-16-96	E.C.N. #10241/	A

DRAWING NUMBER	REV
SSB-LX2965IGW	A

APPROVED



UNCONTROLLED DOCUMENT



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) 565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.1	2.8	V _f	
REVERSE VOLTAGE	5.0			V _r	$I_f = 100\mu\text{A}$
AXIAL INTENSITY (R/G)		25		md	$I_f = 20\text{mA}$
VIEWING ANGLE		180		2x theta	
EMITTED COLOR		RED/GREEN			
EPOXY LENS FINISH		MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* (R/G)	150	mA
STEADY CURRENT (R/G)	30/25	mA
POWER DISSIPATION (R/G)	105	mW
DERATE FROM 25°C	-0.37	mW/°C
OPERATING, STORAGE TEMP	-20 TO +85	°C
LEAD SOLDERING TEMP	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* I < 10μS

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

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX OPTO/COMPONENTS, INC. EXCEPT AS SPECIFICALLY AUTHORIZED BY WRITING BY LUMEX OPTO/COMPONENTS, INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND OBSERVATION TO ALL THIRD PARTIES.

DATE: 12-20-95	OWN: <i>DU</i>	CHK: <i>[Signature]</i>	APPD: <i>[Signature]</i>
SCALE: N/A			

8.89mm x 8.89mm LIGHT BAR, RED/GREEN BICOLOR, MILKY WHITE DIFFUSED

PAGE 1 OF 1	DRAWING NUMBER SSB-LX2965IGW	REV A
-------------	---------------------------------	----------

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

06/24/98 13:56

TX/RX NO. 6462

P.001

Ent BY: LUMEX INC.;
J: RWM

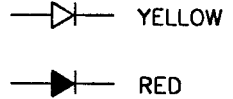
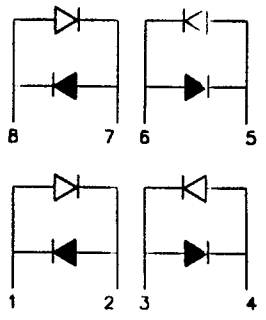
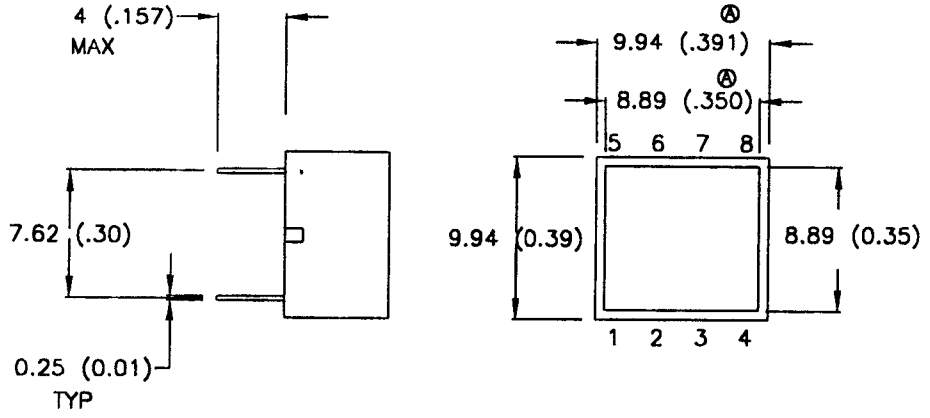
At: 16129298307

16009442790;

24 Jun 96 13:59; Job 514; Page 1/1

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

DRAWING NUMBER	REV
SSB-LX2950IYW	A



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

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 _r = 100µA
AXIAL INTENSITY (R/Y)		25		mcd	I _f = 20mA
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 < 10µs

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

CONFIDENTIAL INFORMATION
 THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX OPTO/COMPONENTS, INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX OPTO/COMPONENTS, INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

DATE: 12-20-95	DWN:	CHK'D:	APPD:
SCALE: N/A			

8.89mm x 8.89mm LIGHT BAR, RED/YELLOW BICOLOR,
MILKY WHITE DIFFUSED

PAGE 1 OF 1	DRAWING NUMBER SSB-LX2950	REV A
-------------	------------------------------	----------