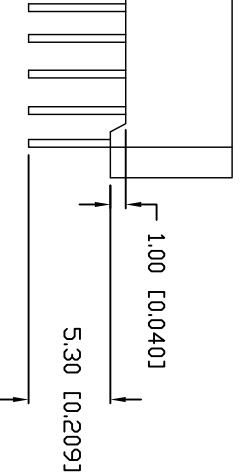
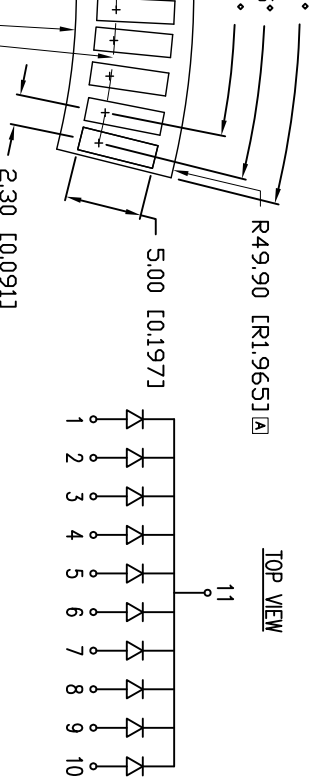




**THE DATASHEET OF
SSA-LXB10SIW-CUR**



PART NUMBER		REV.
SSA-LXB10SIW-CUR		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	10.06.09



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA			
PARAMETER	MIN	TYP	MAX UNITS TEST COND
PEAK WAVELENGTH	1.8	2.0	2.3 nm
FORWARD VOLTAGE	5.0		Vf If=100µA
REVERSE VOLTAGE		40	Vr mcd If=20mA
AXIAL INTENSITY		160	2x theta
VIEWING ANGLE			
EMITTED COLOR:	RED		
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED		
FACE COLOR:	BLACK		

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	80	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	75	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX
* t<10µs		




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 DECENTRAL PRECISION MAX.=+0.00 DECENTRAL PRECISION

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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.

MEMBER
SIW-CUR
3.6mm AllInGap RED LEDs,
EPOXY DIFFUSED EPOXY.

 <p>290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw</p>		DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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					PAGE: 1 OF 1
					SCALE: N/A

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