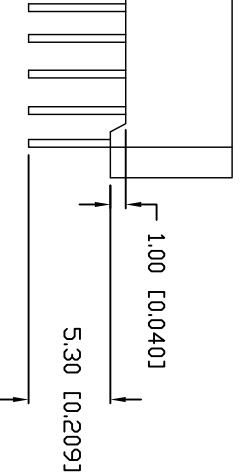
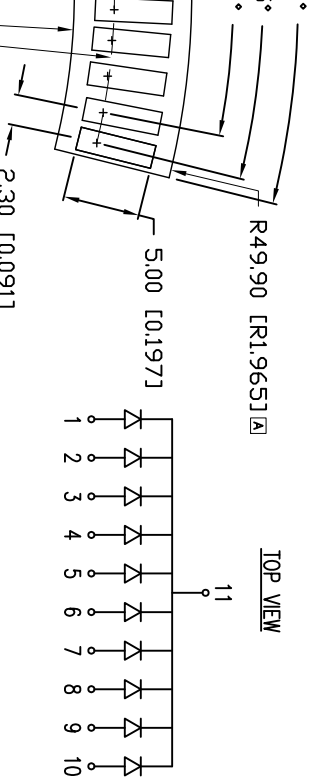




**THE DATASHEET OF
SSA-LXB10SIW-CUR**



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		636		nm
FORWARD VOLTAGE	1.8	2.0	2.3	Vf If=100µA
REVERSE VOLTAGE	5.0			Vr If=20mA
AXIAL INTENSITY		40		mcd
VIEWING ANGLE		160		2x theta
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		



36mm PER DECIMAL PRECISION ARE: X=±1 (±0.039), Y,X=±0.5 (±0.020), X,Y=±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 MAX.= ±0.00

MEMBER
SIW-CUR
 36mm AllnGap RED LEDs,
 EPOXY DIFFUSED EPOXY.

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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.

DRAWN BY: CT		CHECKED BY:		APPROVED BY:		DATE: 7.5.01
						PAGE: 1 OF 1
						SCALE: N/A

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