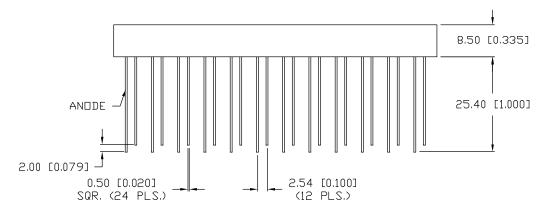
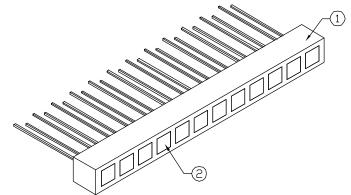
UNCONTROLLED DOCUMENT

86.20 [3.394] 1 2 3 4 5 6 7 8 9 10 11 12 5.00 [0.197] 2.10 [0.083] (2 PLS.) 7.00 [0.276] (11 PLS.)





PART NUMBER

REV.

SSA-LXB120SID

ELECTRO-OPTICAL CH	HARACTERIS	TICS TA=25°C	;	$I_f = 20mA$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			V_r	1 _r =100µA
AXIAL INTENSITY		100		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFF	FUSED			

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	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<10,uS

NOTES:

- 1. SSH-LXH120B, BLACK HOLDER.
- 2. SSL-LX5573SID, LED. (12 PCS.)

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.01D), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.01D), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.01D), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.030), X.X=±0.5 (±0.01D), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.030), X.X=±0.5 (±0.01D), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN= +DECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.030), MIN= +DECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.030), MIN=+DECISION ARE: X=±1 (±0.039), MIN=+DECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.030), MIN=+DECISION ARE: X=±1 (±0.039), MIN=+DECISION ARE: X=±1 (±0.039), X.X=±0.05 (±0.030), MIN=+DECISION ARE: X=±1 (±0.039), MIN=+DECISION ARE: X=±1

REV.

PART NUMBER
SSA-LXB120SID

5mm x 5mm SQUARE 12 LED ARRAY,
636nm SUPER HIGH INTENSITY RED LEDS, RED DIFFSUED.

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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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APPROVED BY: DATE:

DATE: 6.14.01 PAGE: 1 OF 1 SCALE: N/A

CT