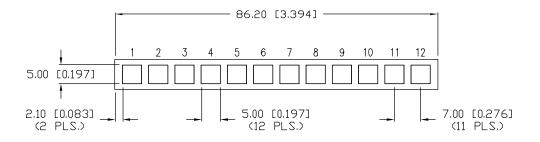
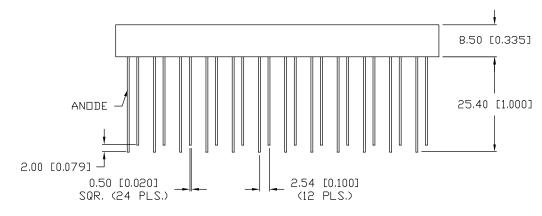
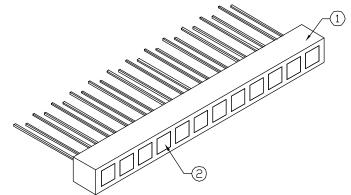
UNCONTROLLED DOCUMENT







PART NUMBER

SSA-LXB120SUGD

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C $I_f = 20 \text{mA}$ PARAMETER TYP MIN MAX UNITS TEST COND 574 PEAK WAVELENGTH nm FORWARD VOLTAGE 2.2 2.6 ٧f REVERSE VOLTAGE 5.0 V_r $I_r=100\mu A$ AXIAL INTENSITY 50 $I_f = 20 \text{mA}$ mcd VIEWING ANGLE 110 2x theta EMITTED COLOR: GREEN EPOXY LENS FINISH: GREEN DIFFUSED

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	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<10µS

NOTES:

- 1. SSH-LXH120B, BLACK HOLDER.
- 2. SSL-LX5573SUGD, 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 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX.=+0.00 -0.00 MIN=+DECIMAL PRECISION MAX.=+0.00 MIN=+DECIMAL PRECISION MIN=+DECIMAL PRECISION MAX.=+0.00 MIN=+DECIMAL PREC

REV.

PART NUMBER REV. SSA-LXB120SUGD

5mm x 5mm SQUARE 12 LED ARRAY, 574nm AlinGaP GREEN LEDS, GREEN DIFFUSED LENS.

CONFIDENTIAL INFORMATION
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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: 5.13.03 PAGE: 1 OF 1 SCALE: N/A

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DRAWN BY:

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