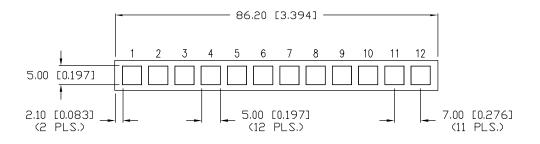
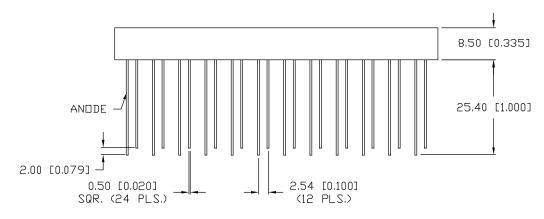
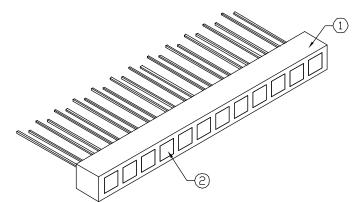
UNCONTROLLED DOCUMENT







PART NUMBER SSA-LXB120SRD

E.C.N. NUMBER AND REVISION COMMENTS DATE E.C.N. #10BRDR. & REDRAWN. 6.14.01

REV.

ELECTRO-OPTICAL CH	IARACTERIS	TICS TA=25°C		$I_f = 20mA$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	٧f	
REVERSE VOLTAGE	4.0			V_r	1 _r =100,uA
AXIAL INTENSITY		60		mcd	$I_f = 20mA$
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<10µS

NOTES:

- 1. SSH-LXH120B, BLACK HOLDER.
- 2. SSL-LX5573SRD, 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

PART NUMBER

REV.

SSA-LXB120SRD

5mm x 5mm SQUARE 12 LED ARRAY, 660nm SUPER RED LEDS, RED DIFFUSED LENS.

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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.



CT

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DRAWN BY: CHECKED BY:

APPROVED BY: DATE:

12.6.99 PAGE: 1 OF 1 SCALE: N/A