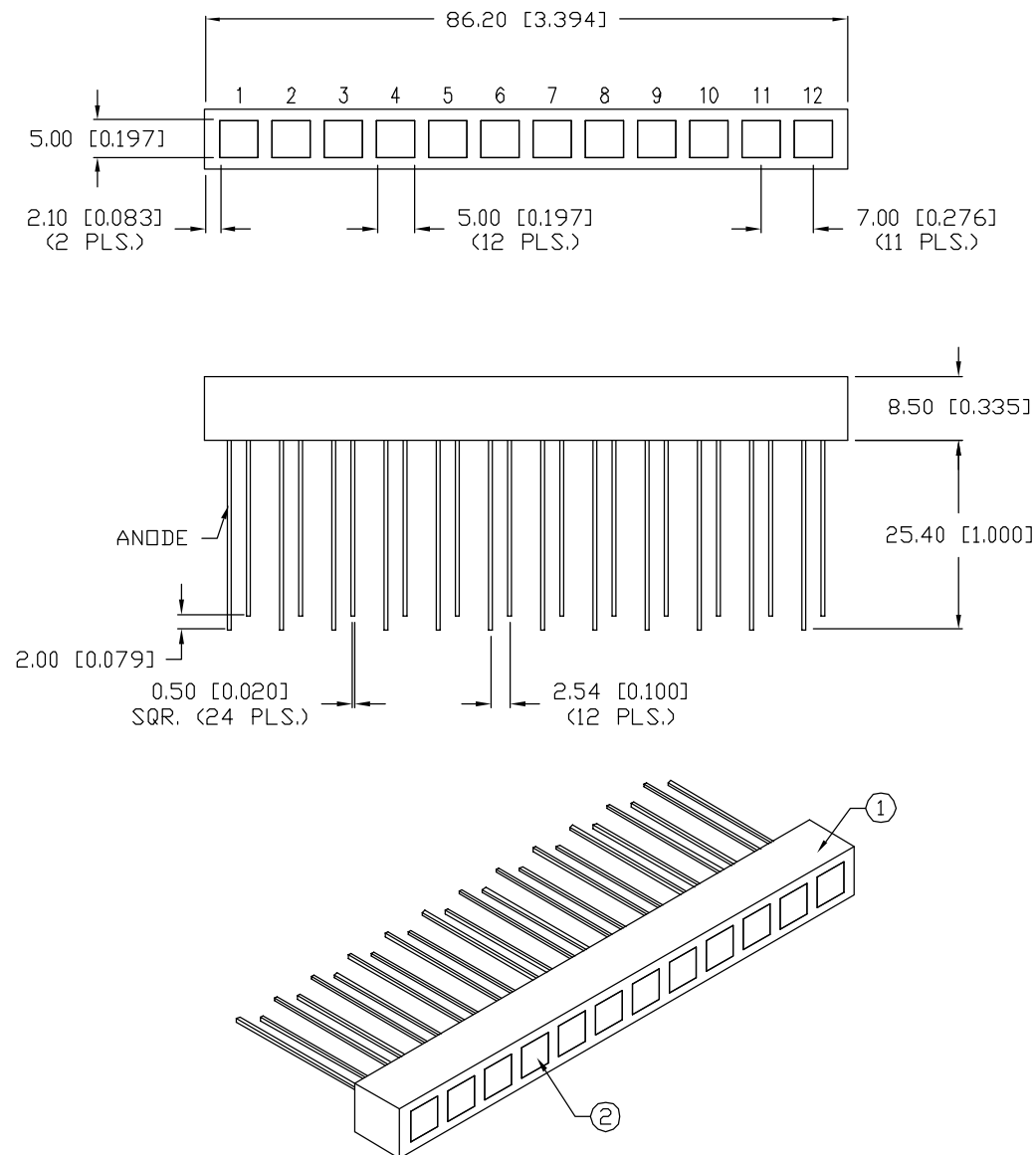


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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.=+0.00 DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

REV.

A

PART NUMBER

SSA-LXB120SRD

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

PART NUMBER		REV.
SSA-LXB120SRD		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN.	6.14.01

ELECTRO—OPTICAL CHARACTERISTICS			T _A =25°C		I _f = 20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
PEAK WAVELENGTH		660		nm		
FORWARD VOLTAGE		1.7	2.2	V _f		
REVERSE VOLTAGE	4.0			V _r	I _r =100μA	
AXIAL INTENSITY		60		mcd	I _f = 20mA	
VIEWING ANGLE		110		2x theta		
EMITTED COLOR:	RED					
EPOXY LENS FINISH:	RED DIFFUSED					

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

* $t < 10 \mu S$

NOTES:

1. SSH-LXH120B, BLACK HOLDER.
2. SSL-LX5573SRD, LED. (12 PCS.)

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CHECKED BY:

APPROVED BY:

DATE:	12.6.99
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PAGE: 1 OF 1

SCALE: N/A