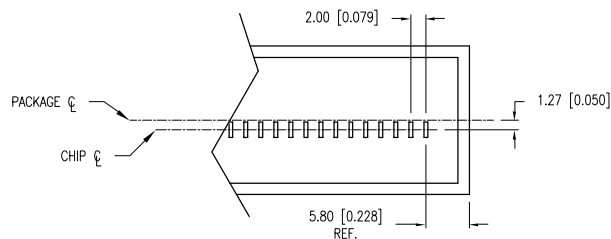
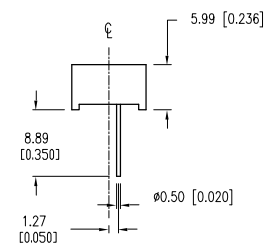
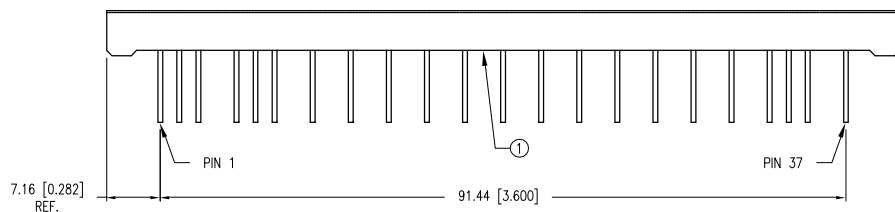
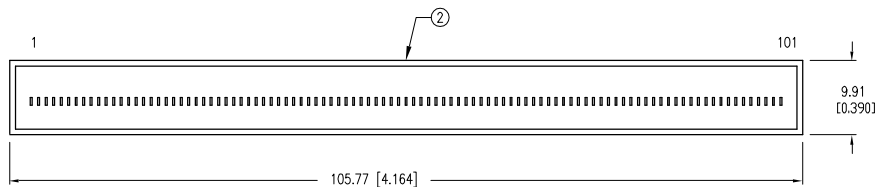


PART NUMBER	SSA-LXB8835	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
7.03.01	E.C.N. #10BRDR. & REDRAWN.		A
2.21.06	E.C.N. #11313.		B
6.29.10	E.C.N. #11649		C



NOTES:

1. 37 PIN LOCATIONS ON 2.54 [0.100] CENTERS.
2. 0.25 [0.010] x 0.75 [0.030] RAILED EDGE.
3. NO PIN LOCATION 4, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 36.
4. TOLERANCES ARE NON-ACCUMULATED ON 101 LEDS.

CM C3 C3

*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 -0.00 MAX.= +0.00 -DECIMAL PRECISION



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101 LED BAR GRAPH ARRAY, 565nm SUPER GREEN LEDS, WATER CLEAR LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	6.29.10	DRAWN BY:	MP
PAGE:	1 OF 2	CHKD BY:	KF
SCALE:	N/A	APRVD BY:	KF
UNIT:	mm [INCH]		(P6)

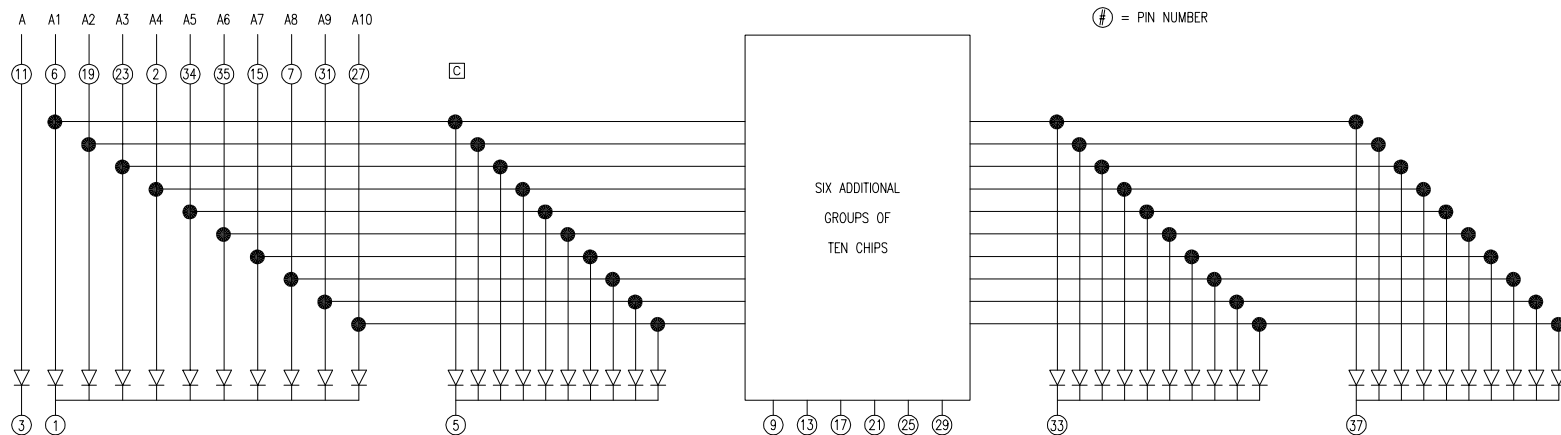
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ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.1	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		5		mcd	$I_f=20\text{mA}$
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION		mW
DERATE FROM 25°C	.15	mW/ $^{\circ}\text{C}$
OPERATING TEMP.	-40 TO +85	$^{\circ}\text{C}$
STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY	3	SEC. MAX

* $t < 10\mu\text{s}$ 

C11 C13 C15

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