



REV	DESCRIPTION	DATE	APPROVED

POWER SUPPLY NOT USED ON 250C

PRIMARY 120V WIRING SHOWN SEE IN TAIL A

DETAIL A
240V WIRING
"PRIMARY"

TRANSFORMER
FOR J9 AND J10

1 - ALL RESISTORS 10%, 1/2W, EXCEPT AS SHOWN.
NOTES: LOW LOSS OPTIMUM SPECIFIED

UNLESS OTHERWISE SPECIFIED
DIMENSIONS AND TOLERANCES
PER DRAWING
FINISHES ARE IN INCHES
AND APPLY AFTER PLATING
TOLERANCE ON DIMENSIONS
30 - 0.003 30+ - 0.005
TOLERANCE ON ANGLES - 0.001
DIMENSIONS UNLESS OTHERWISE
SPECIFIED IN MILLIMETERS

DATE: 5/11/77
CHECKED: [Signature]
DESIGNED: [Signature]

BOW SYSTEMS
1215 SOUTH WILKINSON AVE
MOUNTAIN VIEW, CA 94039
(415) 937-6061

SCHEMATIC, CHASSIS WIRING,
AMPLIFIER, MODEL 250C

REV	DRAWING NUMBER	REV
D	9600-1260	
SCALE: NONE	SHEET 1 OF 1	

PARTS LIST

<u>REFERENCE NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>REFERENCE NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
<u>MISCELLANEOUS</u>				<u>MISCELLANEOUS</u>			
		<u>HEATSINK MODULE</u>					
L1	9999-2440	.5uh coil fm.	1		9999-9002	Wire hold	
J1	1202-0008	8 pin socket	1			down RE	1
	0630-3442	Thermal switch	1		0800-1000	Relay HP32	
	9007-0250	PCB HS250B	1			12VDC	1
	1000-0250	250B raw HS	1		1004-1106	Magnet undox	
	1001-0260	Heatsink cup	1			F110	2
	0723-0031	Insulator Mica	2		1204-1000	Socket relay	1
		TO-66			9017-0251	PCB	1
	0723-0321	Insulator Mica	6		1349-9312	Molex Pins	
	TO-3					R93-12	8
	8902-0022	Teflon Tbg #22	1				
<u>RESISTORS</u>				<u>CHASSIS</u>			
		<u>RELAY CIRCUIT CARD</u>		<u>RESISTORS</u>			
R65	5005-6802	6.8ohm 1/2W	1	R44	6010-8201	820ohm 1W	1
R66,67	5005-6202	6.2ohm 1/2W	2				
R63	5005-2203	22ohm 1/2W	1	<u>TRANSISTORS, DIODES</u>			
R62	5005-4703	47ohm 1/2W	1	CR12	1900-4004	IN4004	1
R61	5005-5601	650ohm 1/2W	1	MB	1886-2502	Bridge Rect.	1
R64	5005-3303	33ohm 1/2W	1	CR11	1990-0110	LED	3
R60	6025-5102	5.1ohm 2W	1	<u>CAPACITORS</u>			
<u>CAPACITORS</u>				C18	0199-0100	.1uf 500V	1
C60,61,62	0466-0330	330uf 16V	3	C19,20	0543-0010S	10,000uf 75V	2
C63	0456-0050	50uf 12V	1	<u>TRANSFORMER</u>			
<u>SEMICONDUCTORS</u>				T1	0900-0260	Transformer	1
CR60,61,62,63	1900-4004	IN4004	4			325V	
Q60	1854-0013	MPS A13	1				
Q61	1854-3394	MPS 3394	1				