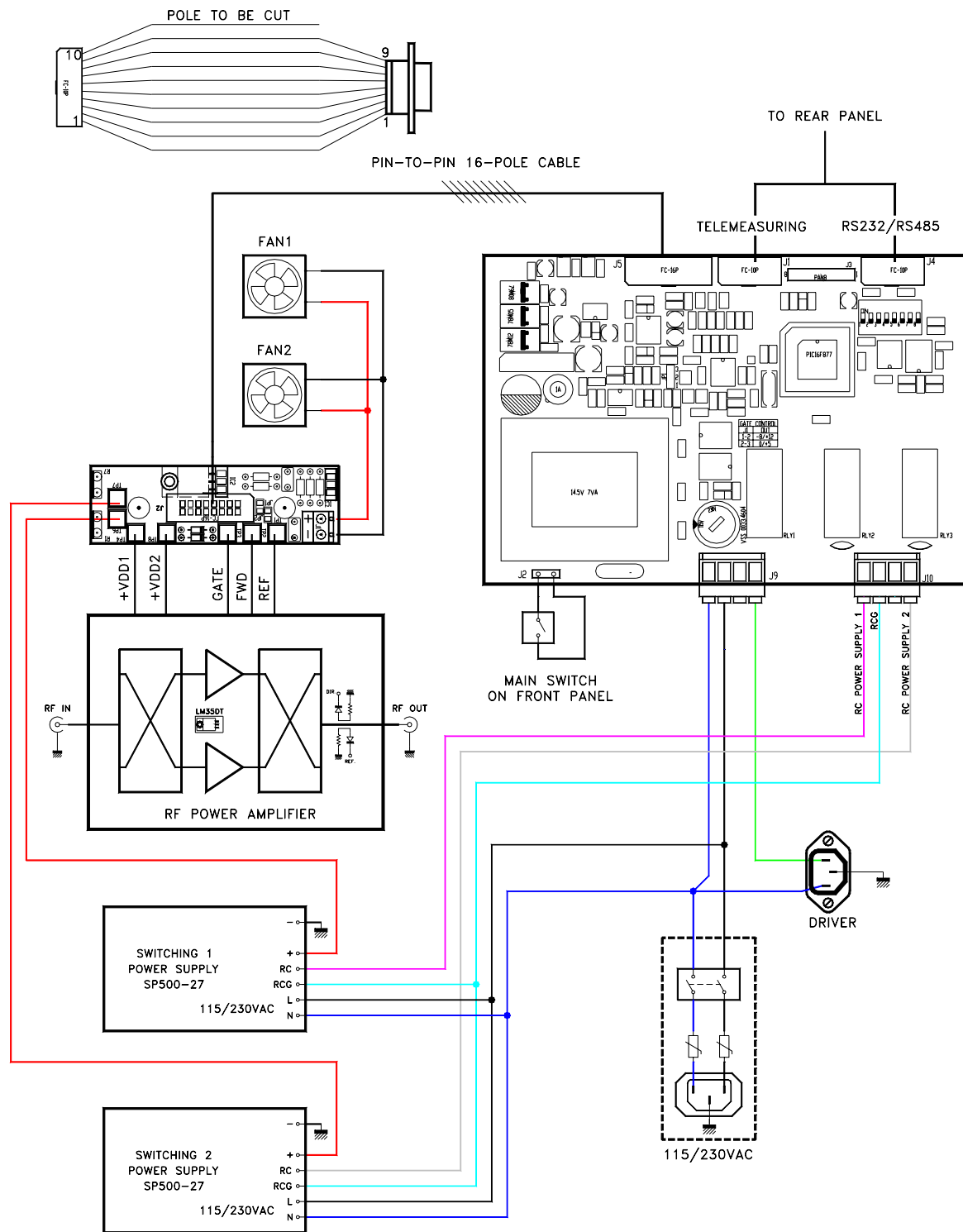
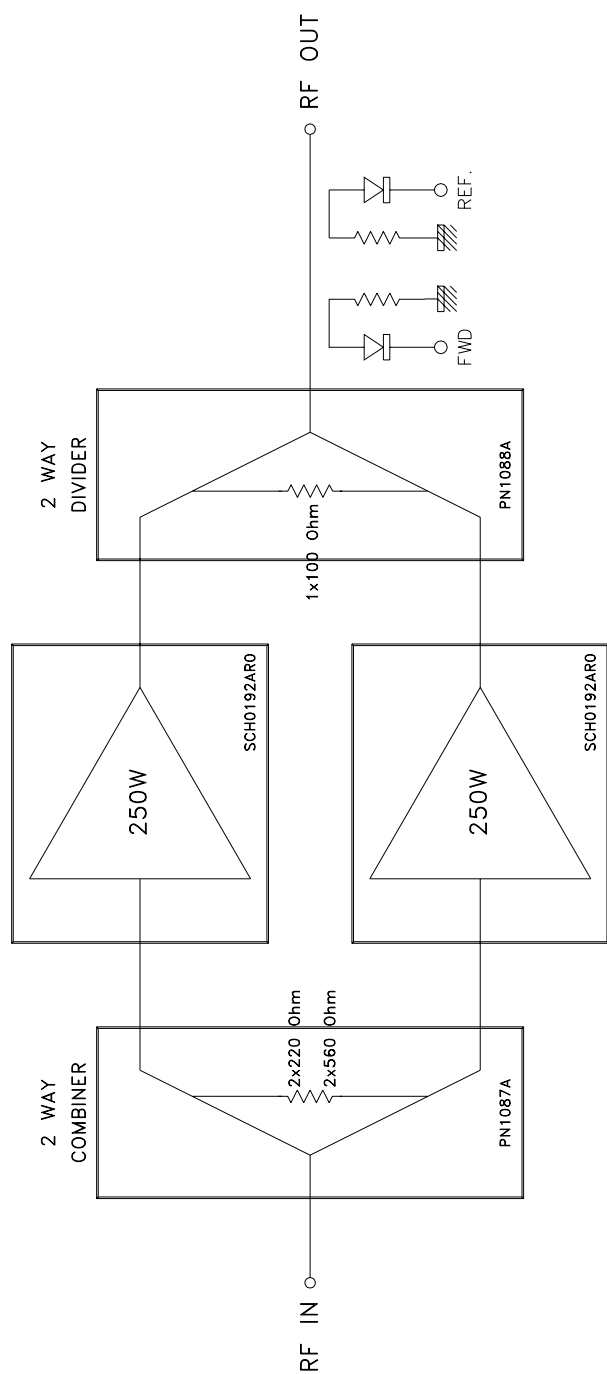


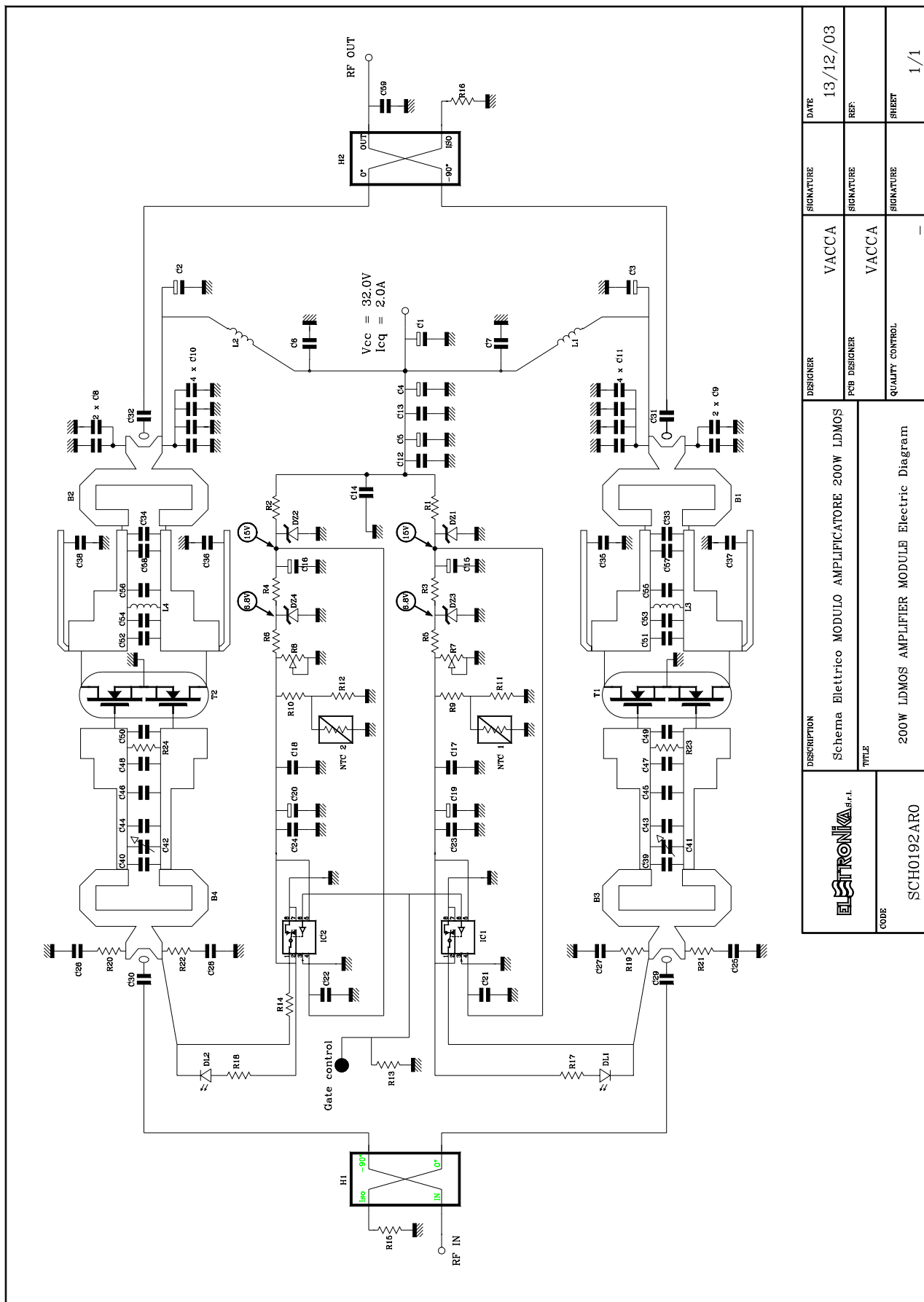
WIRING DIAGRAM FOR TELEMEASURING AND RS232/485 CABLE



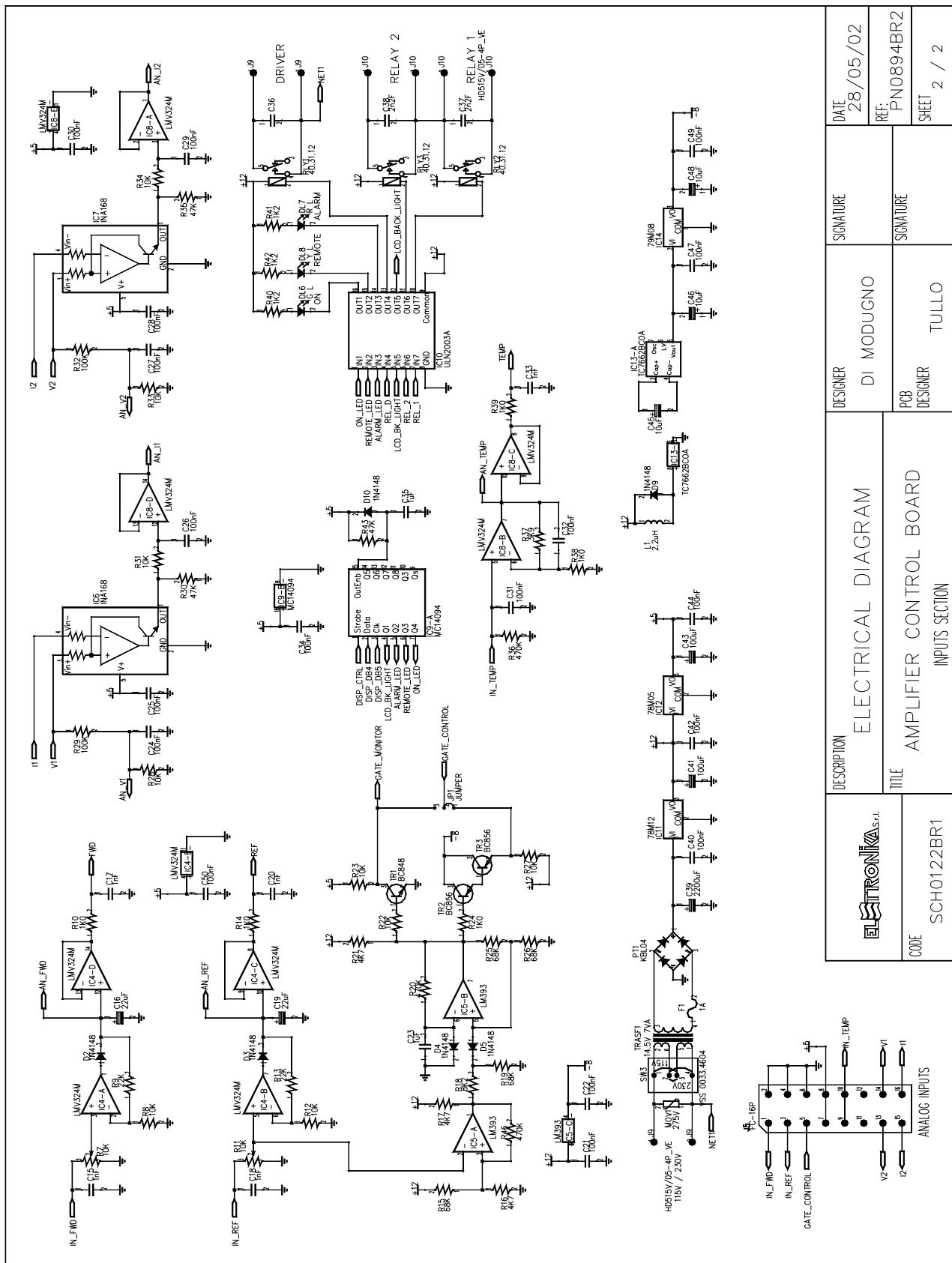
	DESCRIPTION	DESIGNER	Sign.	DATE
	AUTV/250LD LDMOS UHF TV AMPLIFIER Cable Diagram	MASTORILLI		13/11/2003
CODE	TITLE	PCB DESIGNER	Sign.	REF
	Schema Cablaggio AMPLIFICATORE TV UHF LDMOS AUTV/250LD	MASTORILLI		APT134A_AUTV_250LD.dwg
APT134A		QUALITY CONTROL	Sign.	SHEET
		RUSSO		1/1



ELETRONIKA srl CODICE APT134A	DESCRIZIONE AUTV/250LD LDMOS UHF TV AMPLIFIER RF Section Block Diagram DESCRIZIONE Schema a Blocchi Sezione RF AUTV/250LD AMPLIFICATORE TV UHF LDMOS	PROGETTISTA MASTRORILLI	Firma	DATA 01/10/2003
		DISEGNATORE MASTRORILLI	Firma	RIF APT131A_AUTV/250LD.dwg
		CONTROLLO QUALITA' RUSSO	Firma	N° ALLEGATI 1/1



ELSTRONIKA S.p.A. CODE SCH0192AR0	DESCRIPTION		DESIGNER	SIGNATURE	DATE
	Schema Elettrico MODULO AMPLIFICATORE 200W LDMOS		VACCA		13/12/03
	TITLE		PCB DESIGNER	SIGNATURE	REF:
		200W LDMOS AMPLIFIER MODULE Electric Diagram		SIGNATURE	SHEET
		—		SIGNATURE	1/1



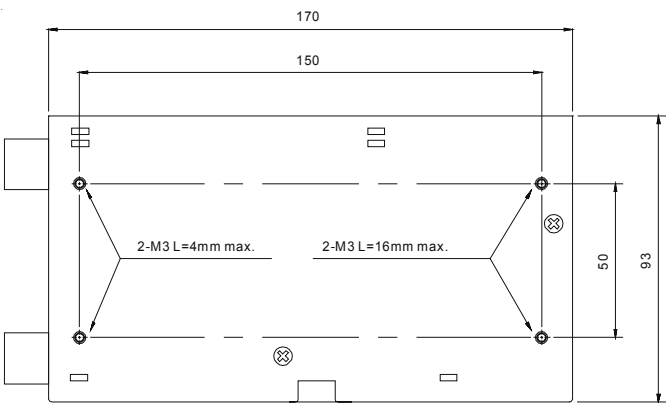
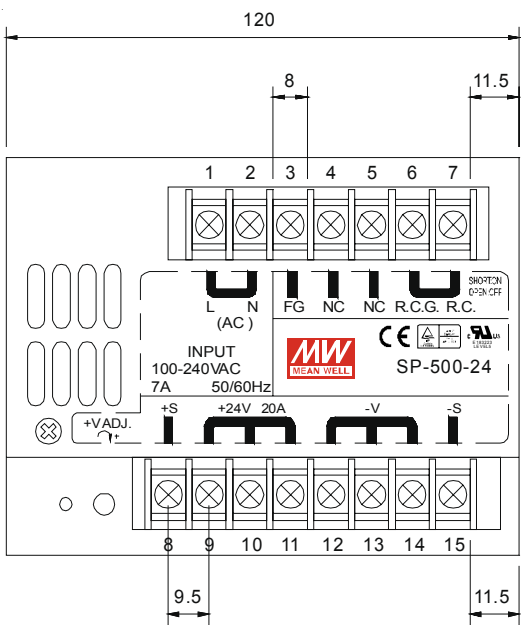
	DESCRIPTION		DESIGNER	SIGNATURE	DATE
	TITLE		DI MODUGNO		28/05/02
CODE	AMPLIFIER CONTROL BOARD		PCB DESIGNER	SIGNATURE	REF: PNO894BR2
	INPUTS SECTION		TULLO		SHEET 2 / 2



MAIN FEATURES

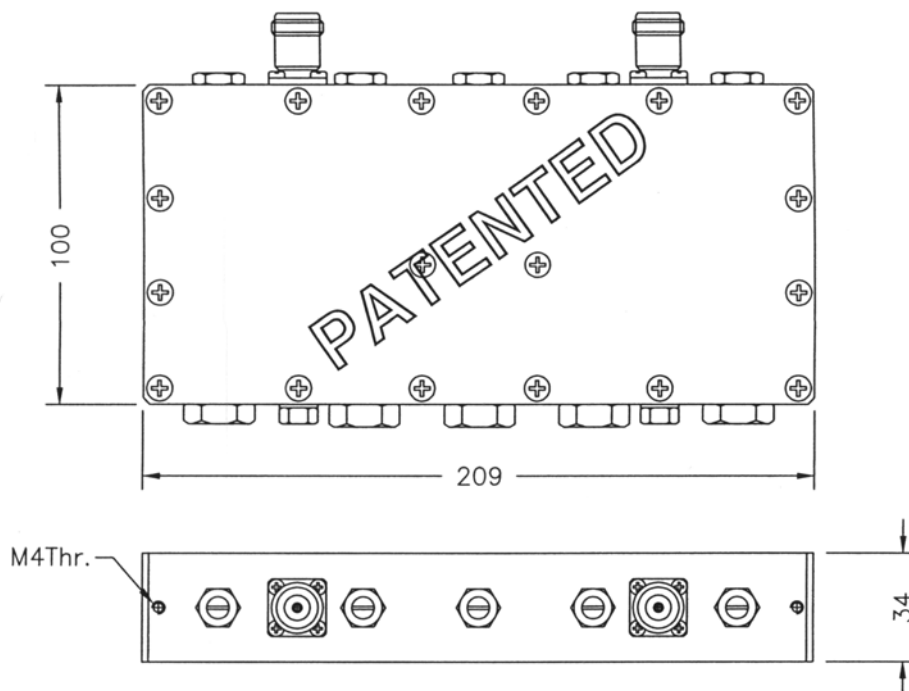
- Universal AC input / Full range
- Built-in active PFC function, PF>0.95
- Protections: Short circuit / Over load / Over voltage / Over temp.
- Forced air cooling by built-in DC fan
- Built-in cooling Fan ON-OFF control
- Built-in remote sense function
- Fixed switching frequency at 110kHz

MECHANICAL SPECIFICATION



PIN N°	ASSIGNMENT	PIN N°	ASSIGNMENT
1	AC/L	7	R.C.
2	AC/N	8	+S
3	FG $\perp$	9 ~ 11	DC OUTPUT +V
4, 5	NC	12 ~ 14	DC OUTPUT -V
6	R.C.G.	15	-S

3 SECTION BANDPASS FILTER WITH 2 NOTCH ELEMENTS - COMB-LINE STRUCTURE, INDUCTIVE COUPLING IRISES; CONSTANT BANDWIDTH, VERY EASY TO TUNE - EXACT GENERALIZED CHEBISHEV DESIGN GIVING MAXIMUM SELECTIVITY AND MINIMUM GROUP DELAY VARIATION.



SPECIFICATIONS

Frequency	470 - 860MHz
Connectors	N
Insertion loss	0.55dB Typ. @ V.C.
Return loss	26dB
Operating temperature	-10° to +50°C
Bandwidth	8MHz
Selectivity @V.C.-5.5/+11	-30dB
Selectivity @V.C.-11/+16.5	-22dB
Weight	1.2kg