

POWER
18 - 22 VDC
(CENTER +)

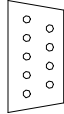
POWER
1.5A
(20mm)

HEATER
1.5A
(20mm)

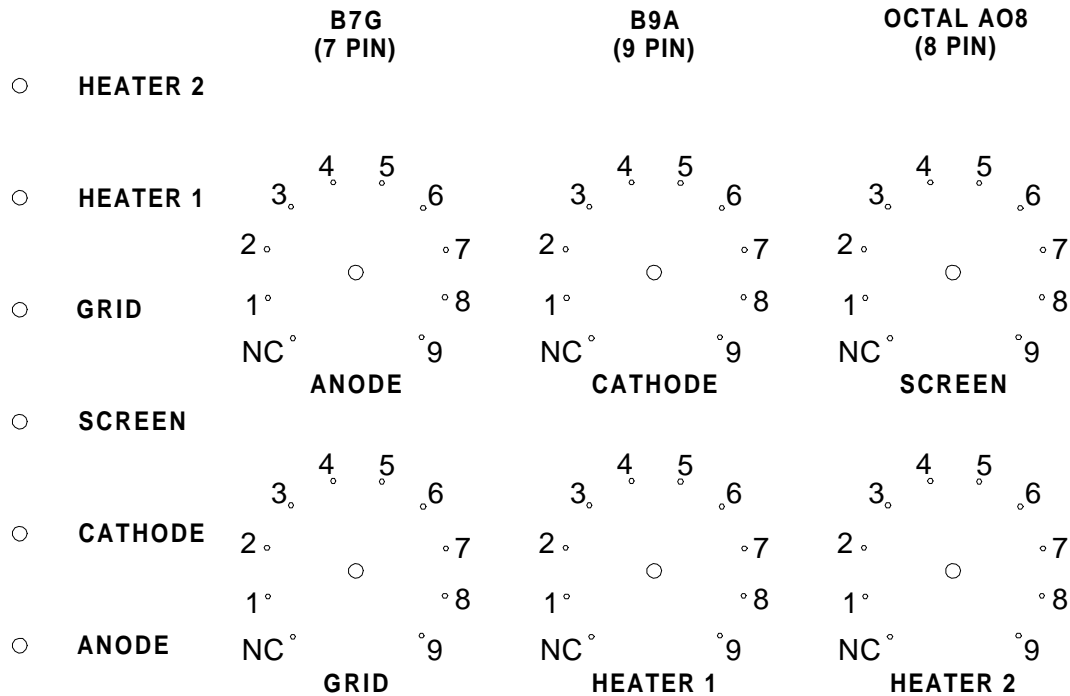
POWER ON

HIGH VOLTAGE

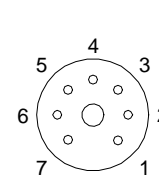
CLASSIC AMP SERVICES - VALVE ANALYSER AND CURVE TRACER
(uTRACER 3+)



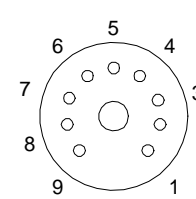
COMPUTER SERIAL PORT
(RS 232)



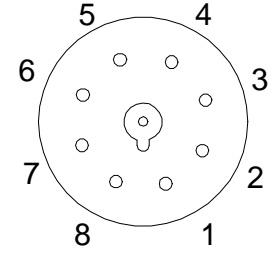
VALVE DATA
(LOOKING AT VALVE BASE FOR THE TOP)



B7G
(7 PIN)



B9A
(9 PIN)



OCTAL AO8
(8 PIN)

VALVE No	VALVE TYPE	SWITCH SETTINGS						TYPICAL VALUES									
		A	C	S	G	H1	H2	P	Ra	Va	Ia	Vs	Is	Vg	Vh	Gm	U
ECC81	D/TRIODE (B9G)	1 A1	3/8 C1 C	6 A	2/7 G1 G	4/9 H HC	5/9 H HC	2.5	11.0k	250	10.0	---	---	-2.0	6.3	5.5	60
ECC82	D/TRIODE (B9G)	1 A1	3/8 C1 C	6 A	2/7 G1 G	4/9 H HC	5/9 H HC	2.75	7.7k	250	10.5	---	---	-8.5	6.3	2.2	17
ECC83	D/TRIODE (B9G)	1 A1	3/8 C1 C	6 A	2/7 G1 G	4/9 H HC	5/9 H HC	0.30	62.5k	250	1.20	---	---	-2.0	6.3	1.6	100
12AT7	D/TRIODE (B9G)	1 A1	3/8 C1 C	6 A	2/7 G1 G	4/9 H HC	5/9 H HC	2.75	10.0k	250	10.0	---	---	-2.0	6.3	5.5	55
12AU7	D/TRIODE (B9G)	1 A1	3/8 C1 C	6 A	2/7 G1 G	4/9 H HC	5/9 H HC	2.75	7.7k	250	10.5	---	---	-8.5	6.3	2.2	17
12AX7	D/TRIODE (B9G)	1 A1	3/8 C1 C	6 A	2/7 G1 G	4/9 H HC	5/9 H HC	0.30	62.5k	250	1.20	---	---	-2.0	6.3	1.6	100
EL34	PENTODE (AO8)	3	8	4	5	2	7	25	15.0k	250	100	250	14.9	-13.5	6.3	11	11
KT77	PENTODE (AO8)	3	8	4	5	2	7	25	15.0k	250	100	250	14.9	-13.5	6.3	11	11
6CA7	PENTODE (AO8)	3	8	4	5	2	7	25	15.0k	250	100	250	14.9	-13.5	6.3	11	11
6L6	PENTODE (AO8)	3	8	4	5	2	7	23	22.5k	250	72	250	5.0	-14.0	6.3	6	11
KT66	PENTODE (AO8)	3	8	4	5	2	7	21.5	22.0k	250	85	250	6.3	-15.0	6.3	6.15	11
5881	PENTODE (AO8)	3	8	4	5	2	7	23	30.0k	250	75	250	4.3	-14.0	6.3	6.1	8
EL84	PENTODE (B9G)	7	3	9	2	4	5	12	38.0k	250	48	250	5.5	-7.3	6.3	11.3	19