



PSVANE

KT88-C

KT88

KT88 is a beam power tetrode, its anode dissipation is 42 W. In audio amplifier, the power can be 100 W when it is used as push-pull Class AB1 with two tubes. It can also be used in electronic voltage regulator circuit. KT88 is similar to CV5220 and 6550, they can be replaced by each other.

Heater

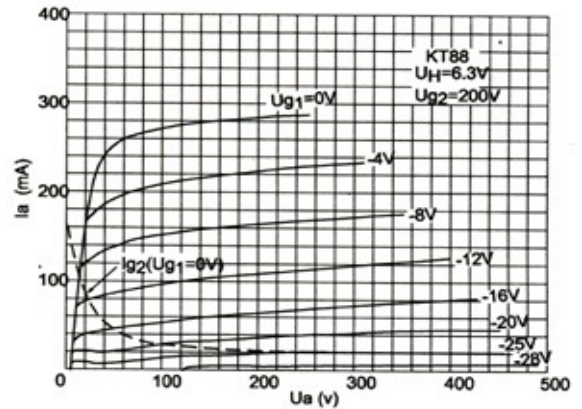
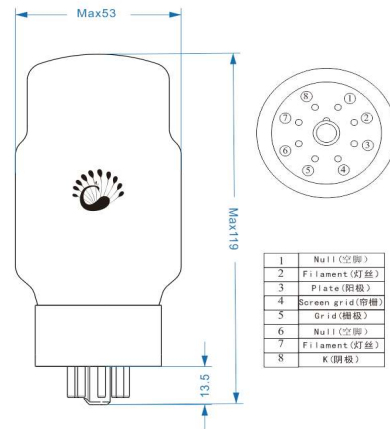
Uh	6.3	V
Ih	1.6	A

Inter-electrode Capacitance

	Triode Conn.	Tetrode Connection
Input	16 pF	9.3
Output	12 pF	17
Grid to Plate	1.2 pF	7.9

Maximum Rating

Anode Voltage	800	V
Screen Grid Voltage	600	V
Grid Voltage	-200	V
Anode Dissipation	42	W
Screen Grid Dissipation(average)	8	W
Pa+g2	46	W
Cathode Current	230	mA
Heater-Cathode Voltage	200	V
Glass envelope temperature	250	°C
Resistor for Grid Circuit	Cathode Bias	Fixed Bias
Pa+g2 ≤ 35 W	0.47 MΩ	0.22
Pa+g2 ≥ 35 W	0.27 MΩ	0.10



Static Parameter

	Tetrode Conn.	Triode Connection
Anode Voltage	250	V 250
Screen Grid Voltage	250	V 250
Grid Voltage	-15	V -15
Transconductance	12	mA/V 12
Anode Current	140	mA 140
Screen Grid Current	3	mA 3

Load Resistance	12000	Ω	670
Amplification Factor	8		8