

GENALEX E88CC/6922 GOLD LION CUSTOM TUBE

Miniature dual triode

pin #	Electrode name
1	Plate of 2 nd triode
2	Grid of 2 nd triode
3	Cathode of 2 nd triode
4,5	Heater
6	Plate of 1 st triode
7	Grid of 1 st triode
8	Cathode of 1 st triode
9	Screen

Electrical data

Parameter name	not less	not more	Measurement mode
Heater current, ma	285	335	Heater voltage = 6.3 v
Grid reverse current, μ a	-	0,3	Heater voltage = 6.3 v Plate voltage = 100 v Grid voltage = -1.5V Grid circuit resistance = 0.5 Mohm
Plate current, ma	10	20	Heater voltage = 6.3 v Plate voltage = 100 v Grid voltage = +9v Cathode circuit resistance = 680ohm
Transconductance, ma/v	10	16	--"--
Amplification factor	24	40	--"--
First to second triode balance, %	-	+/-20%	--"--
Plate current in the beginning of the curve, μ a	-	100	Heater voltage = 6.3 v Plate voltage = 90 v Grid voltage = -8 v
Cathode to heater insulation resistance, Mohm	12,5	-	Heater voltage = 6.3 v Cathode to heater voltage = +/- 200 v
or Cathode to heater leakage current, μ a	-	16	

Electrical parameters that could be changed within exploitation

Transconductance, ma/v, not less	7.5
Grid reverse current, μ a, not more	2.0

Limited values

Heater voltage, v, not less	6.0
not more	6.6
Plate voltage, v, not more	300

