

6P41S - The Output Beam Tetrode.

Translation by Steven Parfitt

From soviet document : <http://www.radiolamp.su/tube.php?name=6P41S>

Output Beam Tetrode

6P41S/ 6П41С

By Technical Specifications SD3.300.0973 TU

The main purpose - to work in blocks of frame and line scan and television devices, and power amplifiers and oscillators.

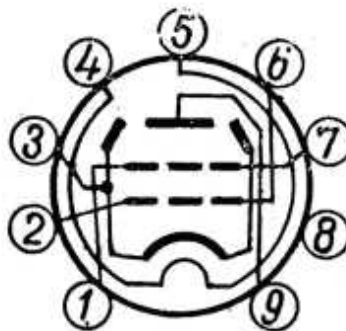
General Data

Cathode oxide - an indirect heating.

Design - glass. (small 9 pin base)

Weight maximum36 g

Diagram of electrode C Conclusions



1 – Second Screen

2 – First Screen

3 – Cathode,

4 - Heater

5 - Heater

6 - First Screen

7 - Second Screen

8 -

9 - Anode

Electrical Data

Heater voltage (\sim or $=$)	6.3 nominal
Current filament	1.1 + / - 0.1 amp
Anode voltage ($=$)	190 V
Grid voltage of the second ($=$)	190 V
Resistance in cathode circuit for self bias	300 Ohm
Anode current	66 + / - 10 mA
Anode current pulse \circ	290 mA
	(not less than 250 mA)
Anode current at the beginning of the characteristics \square	less than 100 uA
Grid current second	2.7 mA
	(less than 3.5 mA)
Grid current second in impulse	0.11 anode current
	(pulse current no more than
	0.23X the anode current pulse)
The steepness of the characteristics	8.4 mA/V
	(not less than 6.7 mA / V)
Internal resistance	about 12 K-Ohm