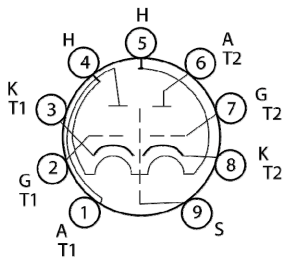
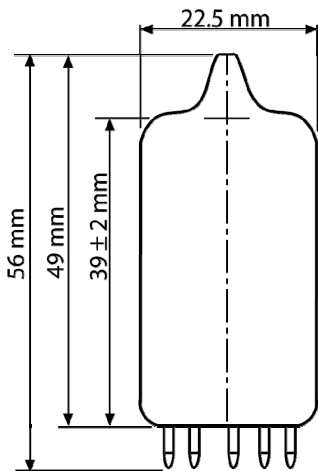


Svetlana 6N1P

High Performance Audio Power Pentode



The Svetlana 6N1P is a miniature glass-envelope small-signal dual triode intended for use as a line-level amplifier or driver in high-quality audio amplifiers. Except for higher heater-current consumption, it is a direct plug-in replacement for the 6DJ8, ECC88 or 6922 in most high-level audio applications. Features include very low distortion—optimized for line stages; medium transconductance; internally shielded between sections, allowing their use at differing signal levels; higher plate-voltage and dissipation rating than 6DJ8 types; and larger cathode than 6DJ8 types, giving it longer life and more transient current capability.



Electrical

Heater		
Voltage(AC,DC)	6.3±0.6	V
Current	600±35	mA
Cathode Oxide-coated, unipotential		
Peak Cathode-to-heater voltage	±100	V
Amplification factor(nominal)	33	
Transconductance(nominal)	7,500	μS
Plate resistance(nominal)	4,400	Ω
Interelectrode capacitances(typical), per section, with cathode grounded:		
Grid to cathode	3.2	pF
Anode to cathode	1.5	pF
Grid to anode	1.6	pF

Maximum Ratings

Anode DC voltage	250	V
Anode dissipation, per triode	2.2	W
Cathode current, continuous, per triode	20	mA
Grid-circuit resistance	0.5	MΩ

