



SVETLANA 6AS7G

DUAL POWER TRIODE FOR HIGH PERFORMANCE AUDIO APPLICATIONS

Dual power triode, octal base, intended for audio or power-supply applications. Low μ , low plate resistance, and classic construction similar to the original RCA version. Suitable for transformer-coupled or output-transformerless audio amplifiers.

Electrical

Heater	Min	Nom	Max	
Voltage (AC or DC)	5.7	6.3	6.9	V
Current		2.5		A
Cathode	Oxide-coated, unipotential			
Cathode-to-heater potential, max.	± 300			
Direct interelectrode capacitances, max. *				
Grid to cathode	8			pF
Plate to cathode	3			pF
Grid 1 to plate	11			pF

AF Power Amplifier, Maximum Ratings (per triode)

DC plate voltage	250	V
Transconductance (nominal)	5500	μ S
Grid 1 (control) voltage	-150	V
DC cathode current	130	mA
Plate resistance	280	Ω
Plate dissipation	13	W
Bulb temperature (surface hottest point)	250°	C

*Without external shielding, nominal values

