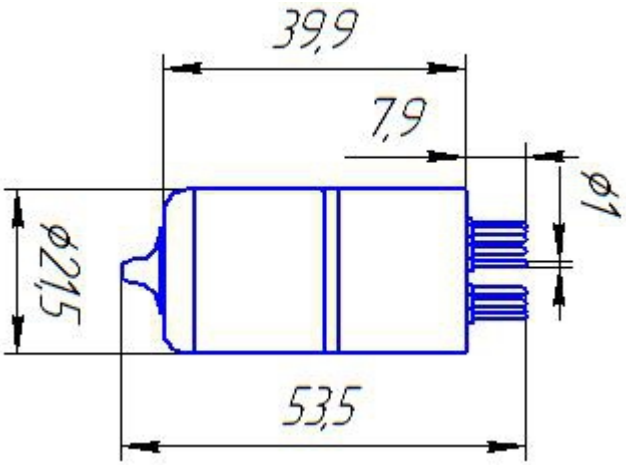
AMT 12AX7WS

Solid State
High-mu Twin Triode

MECHANICAL AND ELECTRICAL PARAMETERS

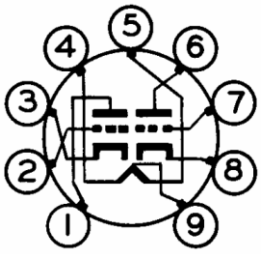
Exact replacement for:	tube 12AX7, ECC83
Heater:	6.3V or 12.6V AC or DC, 15 mA
Capacitances:	
control grid to anode	1.6 pF
control grid to cathode	10 pF
Height	53,5 mm
Diameter	21,5 mm
Mass	20 g



ABSOLUTE MAXIMUM RATINGS

Cathode-heater maximum DC voltage	+-350V
Plate voltage	450 V
Cathode current	15 mA
Plate dissipation	1.5 Watts

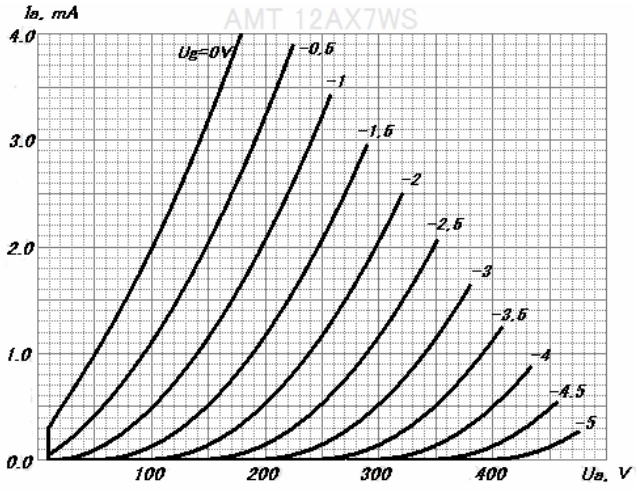
TYPICAL OPERATION



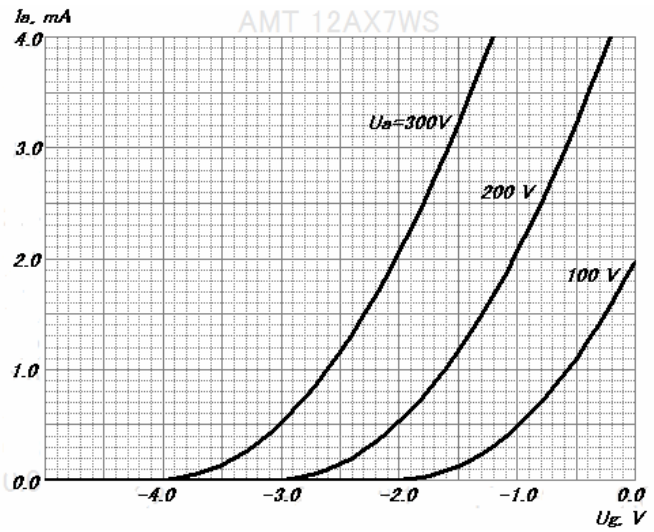
Class A_1 amplifier – Each section

Plate voltage	250 V
Grid voltage	-2 V
Plate current	1.2 mA
Plate resistance	62500 ohms
Transconductance	1600 micromhos
Amplification factor	100

AVERAGE PLATE CHARACTERISTICS



AVERAGE TRANSFER CHARACTERISTICS



AMT 12AX7WS