ARCTURUS

TYPE 5016GT MIDGET

BEAM POWER AMPLIFIER

TENTATIVE DATA

Heater Voltage 50.0 Volts
Heater Current 0.150 Ampere

OPERATING CHARACTERISTICS

Plate Voltage 110 Volts
Screen Grid Voltage 110 Volts
Control Grid Voltage -7.5 Volts
Plate Current (Zero Signal) 45 ma.
Screen Grid Current (Zero Signal) 1 ma.
Transconductance 6800 microhos
Amplification Factor 68
Plate Resistance 10,000 ohms
Signal Voltage (Peak) 7.5 Volts
Load Resistance 2000 ohms
Power Output 1.75 watts
Total Harmonic Distortion 10.0 %

APPLICATION

Type 5016GT is one of a new line of tubes designed primarily for series heater operation in AC-DC receivers. Through the use of a small resistance connected in series with the heaters the need for plug-in resistors or line cords is eliminated. Only half the heater power for the entire receiver is required compared to designs using .5 ampere types.