

TECHNICAL DATA

ARCTURUS

TYPE 12F5GT MID-μ

HIGH-MU TRIODE

Heater Voltage
Heater Current

12.5 Volts
.150 Ampere

OPERATING CHARACTERISTICS

Plate Voltage	100	250	Volts
Control Grid Voltage	0	-2	Volts
Plate Current	1.8	.9	ma.
Plate Resistance	50,000	66,000	ohms
Transconductance	1520	1500	micromhos
Amplification Factor	80	100	

DIRECT INTERELECTRODE CAPACITANCES

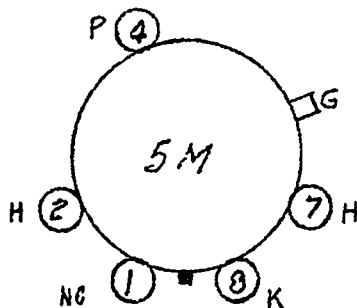
Grid to plate	2.4 μμf
Input	1.9 μμf
Output	3.4 μμf

APPLICATION

Type 12F5GT 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 .3 ampere types.

1-4-39

PIN ARRANGEMENT



BOTTOM VIEW