

TECHNICAL DATA

ARCTURUS

TYPE 12F5GT MID- μ

HIGH-MU TRIODE

Heater Voltage 12.5 Volts
Heater Current .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

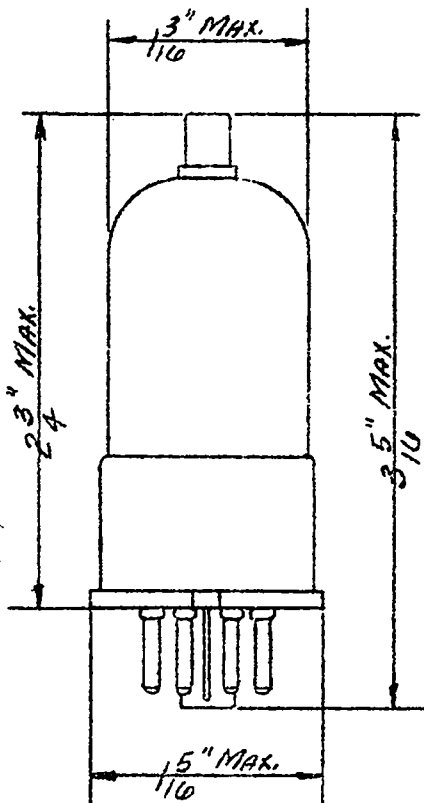
Grid to plate	2.4 μ f
Input	1.9 μ f
Output	3.4 μ f

APPLICATION

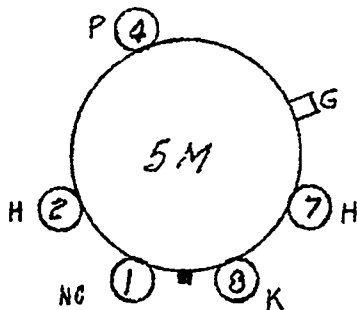
Type 12F5GT is one of a new line of tubes designed primarily for series heater operation in AC-DC receivers. Through the use of a small resistance connected in series with the heaters the need for plug-in resistors or line cords is eliminated. Only half the heater power for the entire receiver is required compared to designs using .3 ampere types.

1-4-39

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PIN ARRANGEMENT



BOTTOM VIEW