

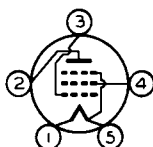


IF4

IF4
IF5-G

POWER AMPLIFIER PENTODE

Filament	Coated	
Voltage	2.0	d-c volts
Current	0.12	amp.
Maximum Overall Length		4-11/16"
Maximum Diameter		1-13/16"
Bulb		ST-14
Base		Medium 5-Pin
Pin 1 - Filament +		Pin 4 - Screen
Pin 2 - Plate		Pin 5 - Filament -
Pin 3 - Grid		
Mounting Position	BOTTOM VIEW (5K)	Vertical, Base Down ◊



Maximum Ratings, Typical Operating Conditions, and Curves are the same as for Type 1F5-G.

◊ Horizontal operation is permissible if pins 1 and 5 are in vertical plane.

IF5-G



POWER AMPLIFIER PENTODE

Filament	Coated	
Voltage	2.0	d-c volts
Current	0.12	amp.
Maximum Overall Length		4-5/8"
Maximum Diameter		1-13/16"
Bulb		ST-14
Base		Medium Shell Octal 7-Pin
Pin 1 - No Connection		Pin 5 - Grid
Pin 2 - Filament +		Pin 7 - Filament -
Pin 3 - Plate		Pin 8 - No Connection
Pin 4 - Screen		
Mounting Position	BOTTOM VIEW (G-6X)	Vertical, Base Down ◊
	AMPLIFIER - Class A ₁	

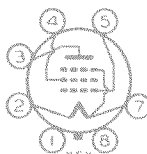


Plate Voltage		180 max. volts
Screen Voltage		180 max. volts
Plate Dissipation		1.75 max. watts
Screen Dissipation		0.75 max. watt
Typical Operation:		
Filament Voltage	2.0	2.0 d-c volts
Plate Voltage	90	135 volts
Screen Voltage	90	135 volts
Grid Voltage*	-3	-4.5 volts
Cathode Resistor	588	432 ohms
Peak A-F Grid Voltage	3	4.5 volts
Plate Resistance (approx.)	0.24	0.20 megohm
Transconductance	1400	1700 μ mos
Plate Current	4	8 ma.
Screen Current	1.1	2.4 ma.

◊ Horizontal operation is permissible if pins 2 and 7 are in a vertical plane.

* See next page.

FEB. 2, 1940

RCA RADOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

DATA