



ELECTRONIC TUBE REFERENCE

6GF5

Power - TV Horizontal Output (sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Compactron beam-power pentode designed primarily for television horizontal-deflection amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	12BJ	BASE PINS	12
NOMINAL HEATER	6.3 V / 1.2 A	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
PLATE RESISTANCE	260000 Ω
TRANSCONDUCTANCE	0.0047 S
MAXIMUM PLATE VOLTAGE	770 V
MAXIMUM SCREEN VOLTAGE	220 V
MAXIMUM PLATE DISSIPATION	9 W
MAXIMUM SCREEN DISSIPATION	2.5 W
MAXIMUM CATHODE CURRENT	160 mA
5000 V positive pulse plate rating preserved as parameter.	

The 6GF5 is a Compactron beam-power pentode primarily designed for horizontal-deflection amplifier service in television receivers.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1968 GENERAL ELECTRIC CO

Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Positive Pulse Plate Voltage	5000 V	TVHorizontalDeflection
Peak Negative Pulse Plate Voltage	1500 V	TVHorizontalDeflection
Typical Plate Voltage	250 V	—
Typical Screen Voltage	150 V	—