

"SHADOW-GRID" BEAM PENTODE

FOR VHF RF AMPLIFIER APPLICATIONS

DESCRIPTION AND RATING

Except for heater characteristics and ratings, the 2FS5 is identical to the 6FS5.

GENERAL

ELECTRICAL

Heater Characteristics and Ratings (Design-Maximum Rating System)

Heater Voltage, AC or DC*	2.4	Volts
Heater Current†	0.6 ± 0.04	Amperes
Heater Warm-up Time‡	11	Seconds

* Heater voltage at bogey heater current.

† For series heater operation, the equipment designer shall design the equipment so that heater current is centered at the specified bogey value, with heater supply variations restricted to maintain heater current within the specified tolerance.

‡ The time required for the voltage across the heater to reach 80 percent of its rated value after applying 4 times rated heater voltage to a circuit consisting of the tube heater in series with a resistance equal to 3 times the rated heater voltage divided by the rated heater current.

The tubes and arrangements disclosed herein may be covered by patents of General Electric Company or others. Neither the disclosure of any information herein nor the sale of tubes by General Electric Company conveys any license under patent claims covering combinations of tubes with other devices or elements. In the absence of an express written agreement to the contrary, General Electric Company assumes no liability for patent infringement arising out of any use of the tubes with other devices or elements by any purchaser of tubes or others.