

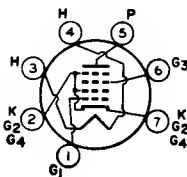
	Vertical-Deflection Oscillator	Horizontal-Deflection Oscillator	
Peak Cathode Current	77	330	mA
Average Cathode Current	22	22	mA
Plate Dissipation:			
For either plate	4	4	watts
For both plates with both units operating	5.7	5.7	watts
MAXIMUM CIRCUIT VALUES			
Grid-Circuit Resistance	2.2	2.2	megohms

6FS5

BEAM HEXODE

2F55, 3F55

Miniature type used as rf-amplifier tube in vhf television receivers. In this tube, grid No.1 is the control grid, grid No.2 is a focusing grid, grid No.3 is the screen grid, and grid No.4 is the suppressor grid. Grid No.2 is internally connected to the cathode and grid No.4 and aligned with grid No.3. **Outlines section, 5C; requires miniature 7-contact socket. Types 2F55 and 3F55 are identical with type 6FS5 except for heater ratings.**



7GA

Heater Voltage (ac/dc)	2F55 2.4	3F55 2.9	6FS5 6.3	volts
Heater Current	0.6	0.45	0.2	ampere
Heater Warm-up Time (Average)	11	11	—	seconds
Heater-Cathode Voltage:				
Peak value	±200 max	±200 max	±200 max	volts
Average value	100 max	100 max	100 max	volts
Direct Interelectrode Capacitances:		Shielded	Unshielded*	
Grid No.1 to Plate		0.03	0.016	pF
Grid No.1 to Cathode, Heater, Grid No.2, Grid No.3, and Grid No.4		4.8	4.8	pF
Plate to Cathode, Heater, Grid No.2, Grid No.3, and Grid No.4		2	2.8	pF

* With external shield connected to pin 7.

Class A₁ Amplifier

MAXIMUM RATINGS (Design-Maximum Values)

Plate Voltage	300	volts
Grid-No.3 (Screen-Grid) Voltage	150	volts
Grid-No.1 (Control-Grid) Voltage:		
Negative-bias value	50	volts
Positive-bias value	0	volts
Cathode Current	20	mA
Plate Dissipation	3.25	watts
Grid-No.3 Input	0.15	watt

CHARACTERISTICS

Plate Voltage	275	volts
Grid-No.3 Voltage	135	volts
Grid-No.1 Voltage	—0.2	volt
Plate Resistance (Approx.)	0.24	megohm
Transconductance	10000	μmhos
Plate Current	9	mA
Grid-No.3 Current	0.17	mA
Grid-No.1 Voltage (Approx.) for transconductance of 100 μmhos	—5	volts

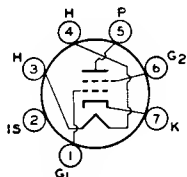
MAXIMUM CIRCUIT VALUE

Grid-No.1-Circuit Resistance, for fixed-bias operation	0.5	megohm
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6FV6

SHARP-CUTOFF TETRODE

Miniature type used as rf amplifier in vhf tuners of television receivers. **Outlines section, 5C; requires 7-contact socket.**



7FQ