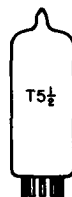
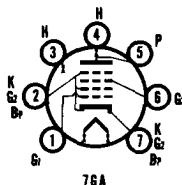


6FS5**2FS5, 3FS5****VHF AMPLIFIER****Shadow-Grid Beam Pentode**

Construction Miniature T-5½
 Base Button 7 Pin, E7-1
 Basing 7GA
 Outline 5-2
 Maximum Diameter 0.750 In.
 Maximum Seated Height 1.875 In.
 Maximum Overall Height 2.125 In.

**ELECTRICAL DATA****HEATER OPERATION**

	2FS5	3FS5	6FS5
Heater Voltage.....	2.4	2.9	6.3 Volts
Heater Current.....	600	450	200 Ma
Heater Warm-up Time.....	11	11	— Seconds
Maximum Heater-Cathode Voltage			
Heater Negative with Respect to Cathode			
Total DC and Peak.....			200 Volts
Heater Positive with Respect to Cathode			
DC.....			100 Volts
Total DC and Peak.....			200 Volts

DIRECT INTERELECTRODE CAPACITANCES

	Shielded ⁽¹⁾	Unshielded
Grid No. 1 to Plate: (g1 to p).....	0.016	0.03 Pf
Input: g1 to (h + k + g2 + g3 + b.p.).....	4.8	4.8 Pf
Output: p to (h + k + g2 + g3 + b.p.).....	2.8	2.0 Pf
RATINGS (Design Maximum Rating System)		
Plate Voltage (Max.).....		300 Volts
Screen Voltage (Max.).....		150 Volts
Positive DC Grid-No. 1 Voltage (Max.).....		0 Volt
Negative DC Grid-No. 1 Voltage (Max.).....		50 Volts
Plate Dissipation (Max.).....		3.25 Watts
Screen Dissipation (Max.).....		0.15 Watt
DC Cathode Current (Max.).....		20 Ma
Grid No. 1 Circuit Resistance		
Fixed Bias.....		0.5 Megohm

CHARACTERISTICS AND TYPICAL OPERATION

Plate Voltage.....	275 Volts
Screen Voltage.....	135 Volts
Grid No. 1 Voltage.....	-0.2 Volt
Plate Resistance (Approx.).....	0.24 Megohm
Transconductance.....	10,000 μmhos
Plate Current.....	9 Ma
Screen Current.....	0.17 Ma
Grid No. 1 Voltage (Approx.).....	-5 Volts
Gm = 100 μmhos.....	

NOTE:

(1) With external shield (EIA 316) connected to pin 7.

6FV6**2FV6****VHF AMPLIFIER****Sharp Cutoff Tetrode**

Construction Miniature T-5½
 Base Button 7 Pin, E7-1
 Basing 7FQ
 Outline 5-2
 Maximum Diameter 0.750 In.
 Maximum Seated Height 1.875 In.
 Maximum Overall Height 2.125 In.

