

VERTICAL DEFLECTION OSCILLATOR (T) and AMPLIFIER (P)

6KY8A

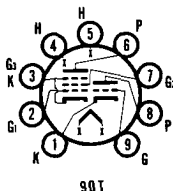
15KY8A

High Mu Triode and Beam Power Pentode

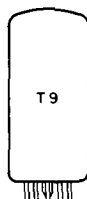
Construction Novar T-9
Base Button 9 Pin, E9-89
(Exhaust Tip on Base)

Basing 9QT
Outline 9-107
Maximum Diameter 1.188 In.
Maximum Seated Height 2.000 In.
Maximum Overall Height 2.380 In.

The 6KY8A and 15KY8A are identical to the 6KY8 and 15KY8 except for Base with exhaust tip on bottom and shorter bulb.



9QT



Color Television Type VHF OSCILLATOR and MIXER

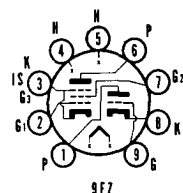
6KZ8

5KZ8, 9KZ8

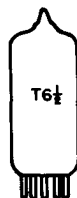
Medium Mu Triode and Sharp Cutoff Pentode

Construction Miniature T-6½
Base Button 9 Pin, E9-1

Basing 9FZ
Outline 6-2
Maximum Diameter 0.875 In.
Maximum Seated Height 1.937 In.
Maximum Overall Height 2.187 In.



9FZ



ELECTRICAL DATA HEATER OPERATION

	9KZ8	5KZ8	6KZ8
Heater Voltage.....	9.45	4.7	6.3 Volts
Heater Current.....	300	600	450 Ma
Heater Warm-up Time.....	11	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⁾

Triode Section		
Grid to Plate.....		1.6 Pf
Input: g to (Tk + Pk + g3 + h + IS).....		3.2 Pf
Output: p to (Tk + Pk + g3 + h + IS).....		1.8 Pf
Heater to Cathode.....		3.2 ⁽²⁾ Pf
Pentode Section		
Grid No. 1 to Plate (Max.).....		0.01 Pf
Input: g1 to (k + g3 + g2 + h + IS).....		5.5 Pf
Output: p to (k + g3 + g2 + h + IS).....		3.4 Pf
Heater to Cathode.....		3.2 ⁽²⁾ Pf

RATINGS (Design Maximum Rating System)

	Triode Section	Pentode Section
Converter Service		
Plate Voltage (Max.).....	330	330 Volts
Grid No. 2 Supply Voltage (Max.).....	—	330 Volts
Grid No. 2 Voltage.....	See Rating Chart (Gen. Info. Sec.)	
Plate Dissipation (Max.).....	2.5	2.5 Watts
Screen Dissipation (Max.).....	—	0.55 Watt
Positive Grid No. 1 Voltage (Max.).....	0	0 Volt
Grid No. 1 Circuit Resistance		
Fixed Bias (Max.).....	0.25	0.25 Megohm
Self Bias (Max.).....	0.5	0.5 Megohm