6BS3A

12BS3A, 17BS3A

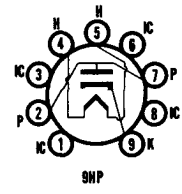
Color Television Type

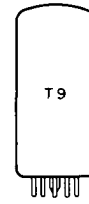
DAMPER

Heater-Cathode Diode

Construction .....Novar T-9
Base .....Button 9 Pin, E9-89
Basing 9HP
Outline
Maximum Diameter .....1.188 In.
Maximum Seated Height .....2.625 In.
Maximum Overall Height .....3.005 In.

The 6BS3A, 12BS3A, and 17BS3A are identical to the 6BS3, 12BS3, and 17BS3 except for base with exhaust tip at bottom and shorter bulb.





6BS8

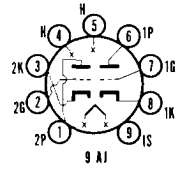
5BS8, 4BS8

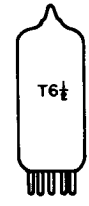
Color Television Type

VHF CASCODE AMPLIFIER

Medium Mu Twin Triode

Construction .....Miniature T-6½
Base .....Button 9 Pin, E9-1
Basing 9AJ
Outline 6-2
Maximum Diameter .....0.875 In.
Maximum Seated Height .....1.938 In.
Maximum Overall Height .....2.188 In.





ELECTRICAL DATA

HEATER OPERATION

	4BS8	5BS8	6BS8
Heater Voltage	4.5	5.6	6.3 Volts
Heater Current	600	450	400 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)

	Section 1	Section 2
Grid to Plate	1.15	1.15 Pf
Input	2.6	— Pf
Output	1.2	— Pf
Heater to Cathode	2.6	2.6 Pf
Plate to Cathode (Max.)	0.15	0.15 Pf
Coupling		
Plate to Plate (Max.)	0.01	Pf
Plate of Section 2 to Plate and Grid of Section 1 (Max.)	0.024	Pf
Grounded Grid Operation		
Input	5.0	5.0 Pf
Output	2.2	2.2 Pf

RATINGS (Design Center Rating System)

Plate Voltage (Max.)	150 Volts
Plate Dissipation (Each Section) (Max.)	2.0 Watts
DC Cathode Current (Max.)	20 Ma
Grid Circuit Resistance (Each Section) (Max.)	0.5 Megohm