

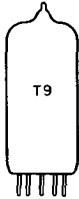
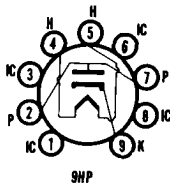
6BH3

17BH3, 22BH3

DAMPER

Heater-Cathode Diode

Construction .....Novar T-9  
Base .....Button 9 Pin, E9-75  
Basing<sup>(1)</sup> .....9HP  
Outline .....9-86  
Maximum Diameter .....1.188 In.  
Maximum Seated Height .....3.030 In.  
Maximum Overall Height .....3.410 In.



ELECTRICAL DATA

HEATER OPERATION

|                                         | 22BH3 | 17BH3 | 6BH3       |
|-----------------------------------------|-------|-------|------------|
| Heater Voltage.....                     | 22.4  | 17    | 6.3 Volts  |
| Heater Current .....                    | 450   | 600   | 1600 Ma    |
| Heater Warm-up Time .....               | 11    | 11    | — Seconds  |
| Maximum Heater-Cathode Voltage          |       |       |            |
| Heater Negative with Respect to Cathode |       |       |            |
| DC .....                                |       |       | 900 Volts  |
| Total DC and Peak.....                  |       |       | 5500 Volts |
| Heater Positive with Respect to Cathode |       |       |            |
| DC .....                                |       |       | 100 Volts  |
| Total DC and Peak.....                  |       |       | 300 Volts  |

DIRECT INTERELECTRODE CAPACITANCES (Unshielded)

|                                  |        |
|----------------------------------|--------|
| Heater to Cathode .....          | 2.8 Pf |
| Plate to Cathode and Heater..... | 6.5 Pf |
| Cathode to Plate and Heater..... | 9.0 Pf |

RATINGS (Design Maximum Rating System)  
Damper Service

|                                                        |            |
|--------------------------------------------------------|------------|
| Peak Inverse Plate Voltage (Max.) <sup>(2)</sup> ..... | 5500 Volts |
| Plate Dissipation (Max.) .....                         | 6.5 Watts  |
| Steady State Peak Current (Max.) .....                 | 1100 Ma    |
| DC Plate Current (Max.) .....                          | 180 Ma     |

NOTES:

- (1) Pins 1, 3, 6, and 8 should not be used as tie points.
- (2) For operation in a 525 line, 30 frame system as described in "Standards of Good Engineering Practice for Television Broadcast Stations; Federal Communications Commission," the duty cycle of the voltage pulse must not exceed 15% of one horizontal scanning cycle.

6BH3A

17BH3A, 22BH3A

DAMPER

Heater-Cathode Diode

Construction .....Novar T-9  
Base .....Button 9 Pin, E9-89  
Basing .....9HP  
Outline .....9-86  
Maximum Diameter .....1.188 In.  
Maximum Seated Height .....2.625 In.  
Maximum Overall Height .....3.005 In.  
6BH3A, 17BH3A, and 22BH3A are identical to 6BH3, 17BH3, and 22BH3 except for base with exhaust tip at bottom and shorter bulb.

