

ELECTRICAL DATA HEATER OPERATION

	17BZ3	6BZ3
Heater Voltage.....	16.8	6.3 Volts
Heater Current	450	1200 Ma
Heater Warm-up Time	11	— Seconds
Maximum Heater-Cathode Voltage		
Heater Negative with Respect to Cathode		
DC		900 Volts
Total DC and Peak.....		4500 Volts
Heater Positive with Respect to Cathode		
DC		100 Volts
Total DC and Peak.....		300 Volts

DIRECT INTERELECTRODE CAPACITANCES (Unshielded)

Cathode to Plate and Heater.....	11 Pf
Plate to Cathode and Heater.....	8.5 Pf
Heater to Cathode	3.4 Pf

RATINGS (Design Maximum Rating System)

Damper Service⁽¹⁾

Peak Inverse Plate Voltage (Max.)	4500 Volts
Plate Dissipation (Max.)	6.5 Watts
Steady State Peak Plate Current (Max.)	1200 Ma
DC Output Current (Max.)	200 Ma

CHARACTERISTICS AND TYPICAL OPERATION

Tube Voltage drop for $I_b = 350$ Ma	21 Volts
--	----------

NOTE:

- (1) 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.

6BZ6

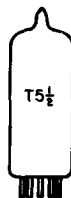
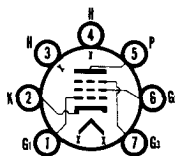
3BZ6, 4BZ6, 12BZ6

Color Television Type

AGC/IF AMPLIFIER

Semi-Remote Cutoff Pentode

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



ELECTRICAL DATA HEATER OPERATION

	3BZ6	4BZ6	12BZ6	6BZ6
Heater Voltage.....	3.15	4.2	12.6	6.3 Volts
Heater Current	60	450	150	300 Ma
Heater Warm-up Time	11	11	—	— Seconds
Maximum Heater-Cathode Voltage				
Heater Negative with Respect to Cathode				
Total DC and Peak	300	200	200	200 Volts
DC	200	200	200	200 Volts
Heater Positive with Respect to Cathode				
DC	100	100	100	100 Volts
Total DC and Peak.....	200	200	200	200 Volts

DIRECT INTERELECTRODE CAPACITANCES

	Shielded ⁽¹⁾	Unshielded
Grid No. 1 to Plate (Max.)	0.015	0.025 Pf
Input: g_1 to $(h + k + g_2 + g_3 + IS)$	7.0	7.0 Pf
Output: p to $(h + k + g_2 + g_3 + IS)$	3.0	2.0 Pf

RATINGS (Design Maximum Rating System)

Plate Voltage (Max.)	330 Volts
Grid No. 2 Supply Voltage (Max.)	330 Volts
Grid No. 2 Voltage	See Rating Chart (Gen. Info. Sec.)
Plate Dissipation (Max.)	2.3 Watts
Grid No. 2 Dissipation (Max.)	0.55 Watt
Grid No. 1 Circuit Resistance	
Fixed Bias (Max.)	0.25 Megohm
Cathode Bias (Max.)	1.0 Megohm