

DIRECT INTERELECTRODE CAPACITANCES (Unshielded)

	Section 1	Section 2	Section 3
Grid to Plate	3.2	3.0	3.0 pf
Input: (G to K and H)	4.2	4.2	4.2 pf
Output: (P to K and H)	0.3	0.4	0.54 pf

RATINGS (Design Maximum Rating System) (Each Section)

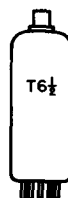
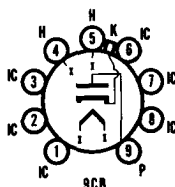
Plate Voltage	330 Volts
Grid Voltage	
Positive Bias Value	0 Volt
Plate Dissipation	2 Watts
Grid Circuit Resistance	
Fixed Bias	0.5 Megohm

CHARACTERISTICS AND TYPICAL OPERATION (Each Section)

Plate Voltage	200 Volts
Plate Current	10 Ma
Amplification Factor	53
Plate Resistance (Approx.)	7500 Ohms
Transconductance	7000 μ mhos
E _{c1} for I _b = 100 μ a	-7 Volts

DAMPER**6AL3/EY88****Heater-Cathode Diode**

Construction	Miniature T-6½
Base	E9-1
Top Cap	C1-2
Basing	9CB
Outline	6-101
Maximum Diameter	0.875 In.
Maximum Seated Height	3.250 In.
Maximum Overall Height	3.500 In.

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

Heater Voltage	6.3 Volts
Heater Current	1550 Ma
Maximum Heater-Cathode Voltage	6600 Volts

DIRECT INTERELECTRODE CAPACITANCES

Plate to All Other Elements	8.6 Pf
Cathode to Heater	2.0 Pf

RATINGS (Design Center Rating System)**Damper Service⁽¹⁾**

Peak Inverse Plate Voltage (Absolute Max.)	7500 Volts
Peak Plate Current	550 Ma
DC Plate Current	220 Ma
Plate Dissipation	5 Watts

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 not to exceed 15% of a horizontal scanning cycle.

Color Television Type

FM or TV DETECTOR**6AL5**

3AL5, 12AL5

High Perveance Twin Diode

Construction	Miniature T-5½
Base	Button 7 Pin
Basing	.6BT
Outline	5-1
Maximum Diameter	0.750 In.
Maximum Seated Height	1.500 In.
Maximum Overall Height	1.750 In.

