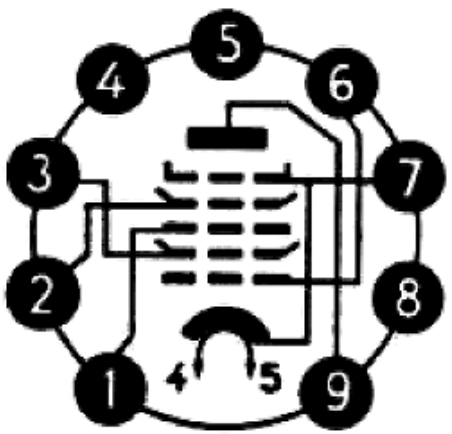
Miniature 9-Pin (Noval) Series, 6.3 V Heater Type		Heater		Plate		Screen		Grid Voltage	Power Output	Mutual Conductance (Conversion Transconductance)	Plate Resistance	Amplification Factor
		Voltage	Current	Voltage	Current	Voltage	Current					
		V	A	V	mA	V	mA	V	W	mA/V	kΩ	
EH 81	Dual Control Heptode	6.3 i	0.3	250	6	100	6.3	−2	—	1.9	60	18

EH81



U_f = 6.3 V
I_f = 300 mA
U_{fk} = 120 V

HEPTODE with two linear control grids

Maximum Ratings

U_{a0} = 500 V
U_a = 250 V
U_{g20} = 500 V
U_{g2} = 125 V
U_{g40} = 500 V
U_{g4} = 250 V
N_a = 1.2 W
N_{g2} = 0.8 W
N_{g4} = 0.4 W
I_k = 20 mA

Typical Operation

U_a = 150 V
U_{g2} = 75 V
U_{g4} = 75 V
U_{g1} = 0 V
I_a = 7 mA
I_{g2} = 6.6 mA

Capacitances

C_i = 5.3 pF
C_o = 6.7 pF
C_{ag1} < 0.1 pF