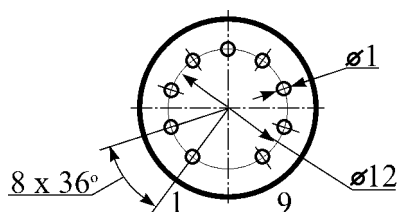


ELECTRON VALVE 6N23P (analog ECC88)

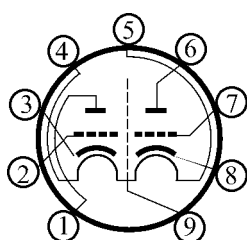
Miniature double triode with separate indirectly heated cathodes is intended for use in radioelectronic devices as a high voltage wideband amplifier with low noise level and in circuits of low-power amplifiers and pulse generators.

Pin arrangement



Mass not more than 15 g.

Electrode-to-lead connection circuit diagram



Lead designation	Name of electrode
1	Second triode anode
2	Second triode grid
3	Second triode cathode
4 and 5	Heater
6	First triode anode
7	First triode grid
8	First triode cathode
9	Screen

Electrical parameters at (298±5) K

Parameters, conditions and units	Nominal		
	min	nominal	max
Grid back current, μA , (for filament voltage 6.3 V, plate voltage 120 V, grid voltage minus 9 V, grid circuit resistance 0.5 M Ω , cathode circuit resistance 680 Ω)	-	-	0.2
Slope of characteristic, mA/V (for filament voltage 6.3 V, plate voltage 100 V, grid voltage 9 V, grid circuit resistance 0 M Ω , cathode circuit resistance 680 Ω)	10	12.7	-
Gain (for filament voltage 6.3 V, plate voltage 100 V, grid voltage 9 V, grid circuit resistance 0 M Ω , cathode circuit resistance 680 Ω)	25	34	43
Plate current at the stating portion of the characteristic, mA (for filament voltage 6.3 V, plate voltage 100 V, grid voltage minus 8 V, grid circuit resistance 0 M Ω)	-	-	0.1
Heater current, mA (for filament voltage 6.3 V)	285	310	335

Maximum permissible operating conditions

Parameters, units	Nominal	
	min	max
Filament voltage, V	5.7	7.0
Plate voltage, V	-	300
Plate voltage, non-conducting valve, V	-	470
Plate pulse voltage, non-conducting valve, V	-	1000
Negative pulse grid voltage, V	-	200
Cathode-heater voltage, V	-	±200
Cathode current (average value), mA	-	20
Power dissipation at the anode, W	-	1.8
Power dissipation at the grid, W	-	0.03
Grid circuit resistance, M Ω	-	1,0
Envelope temperature at the maximum heated portion, K	-	453