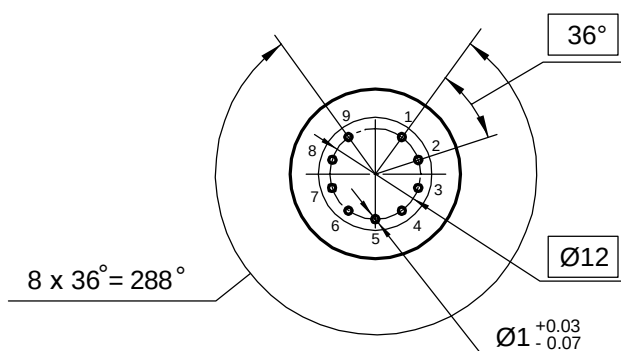
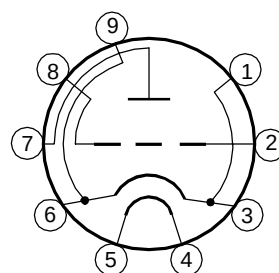


Vacuum tube 6C45Pi -EB/6C45Π -E is a miniature high frequency triode with equipotential cathode, with high slope, designed for broadband voltage amplification in radio engineering devices.

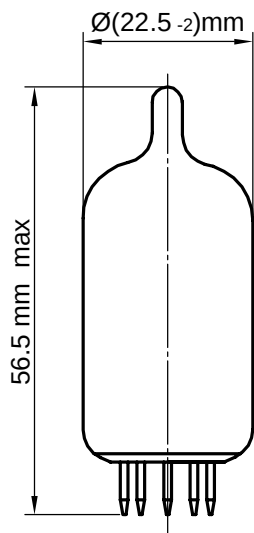
Pin arrangement



Electrode -to - lead connection diagram



Dimensions



Lead designation	Name of electrode
1, 3, 6, 9	Cathode
2, 8	Grid
4, 5	Heater
7	Plate

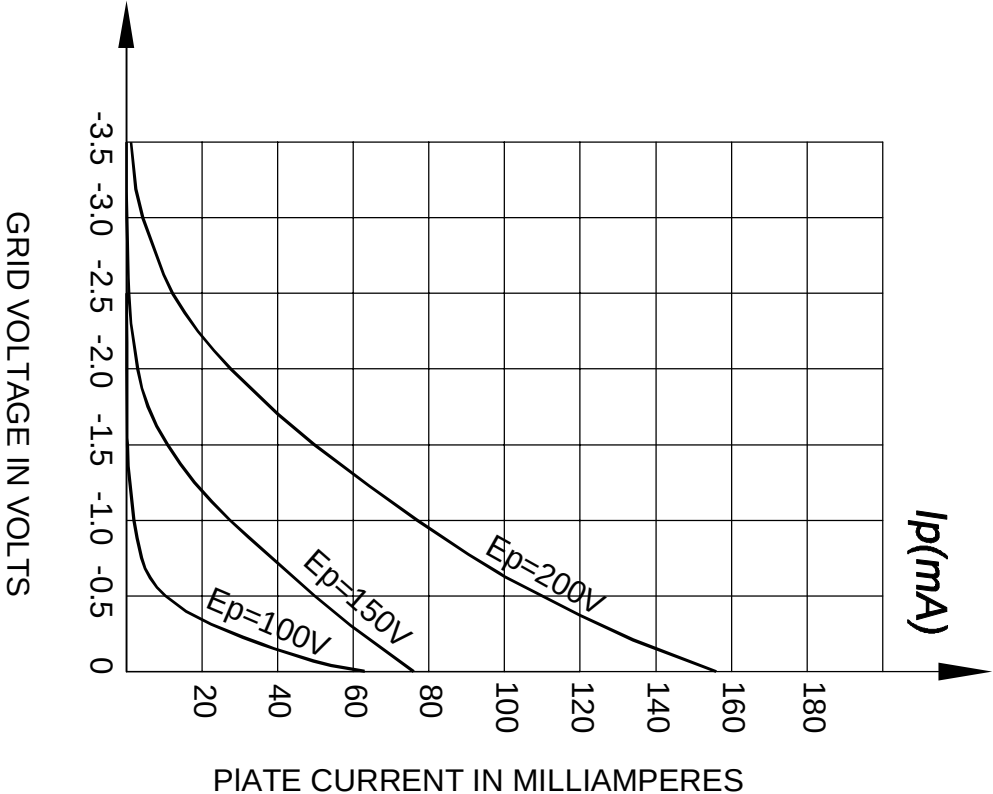
Electrical parameters

Parameters, conditions and units	Nominal	
	min	max
Heater current, mA	410	470
Grid reverse current, μA , (at: filament voltage 6.3 V, plate voltage 150 V, grid voltage minus 2 V, resistance in grid circuit 0.15 M Ω)	—	0.5
Plate current, mA, (at: filament voltage 6.3 V, plate voltage 150 V, resistance in cathode circuit 30 Ω)	26	54
Slope of characteristic, mA/V (at: filament voltage 6.3 V, plate voltage 150 V, resistance in cathode circuit 30 Ω)	32	—
Amplification factor (at: filament voltage 6.3 V, plate voltage 150 V, resistance in cathode circuit 30 Ω)	36	68
Plate current at the beginning of the characteristic, μA (at: filament voltage 6.3 V, plate voltage 150 V, grid voltage minus 2 V)		10
Cathode - heater insulation resistance, M Ω (at: filament voltage 6.3 V, cathode -heater voltage ± 100 V)	5	

Limiting Values

Parameters, units	Nominal	
	min	max
Filament voltage, V	5.7	6.6
Plate voltage, V	—	150
Cathode - heater voltage, V	—	± 100
Cathode current, mA	—	60
Power dissipation at the plate of each triode, W	—	7.8
Grid circuit resistance , M Ω		0.15
Temperature at the most heated part of the envelope, K°	—	483

$I_p=f(E_g)$
 $E_f=6.3V$



$I_p=f(E_p)$
 $E_f=6.3V$

