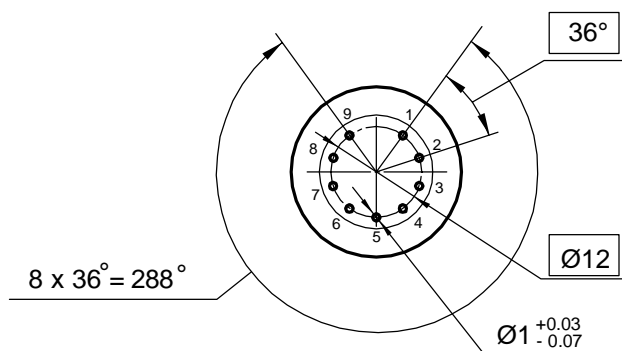
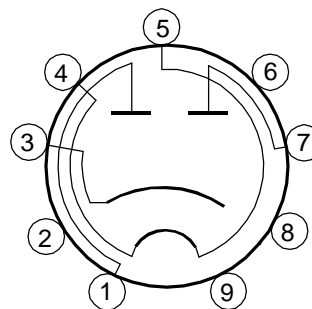


Vacuum tube 6CA4EH is a two - plate cenotron in the glass bulb, with a common equipotential cathode, designed for two - half - period rectification of alternating current in the midpoint circuits in radio engineering devices.

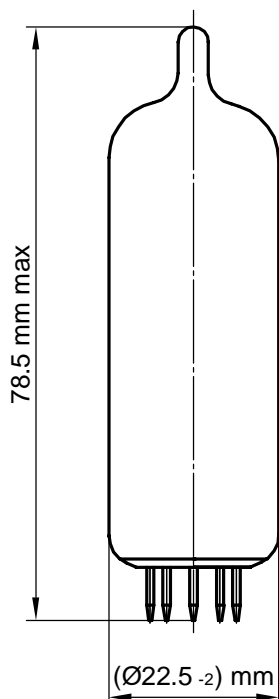
Pin arrangement



Electrode -to - lead connection diagram



Dimensions



Lead designation	Name of electrode
1	First diode plate
2, 6, 8, 9	Free
3	Cathode
4, 5	Heater
7	Second diode plate

Electrical parameters

Parameters, conditions and units	Nominal	
	min	max
Heater current, A	0.9	1.1
Diode anod current, mA (at: filament voltage 6.3 V, plate voltage 17 V)	100	—
Rectified current, mA (at: filament voltage 6.3 V, the voltage of the secondary winding of the transformer, effective, 2 x 350 V, load resistance 2000 Ω , capacitance in the cathode chain , 4.0 μ F)	130	—
Cathode - heater insulation resistance, M Ω (at: filament voltage 6.3 V, cathode -heater voltage \pm 500 V)	3.3	—

Limiting Values

Parameters, units	Nominal	
	min	max
Filament voltage, V	5.7	6.9
Rectified current (average), mA	—	160
Anode current amplitude, mA	—	450
Current surge at the turn -on moment , A	—	1.5
Anod reverse voltage amplitude, V	—	1000
Cathode - heater voltage, V	—	+ 500

