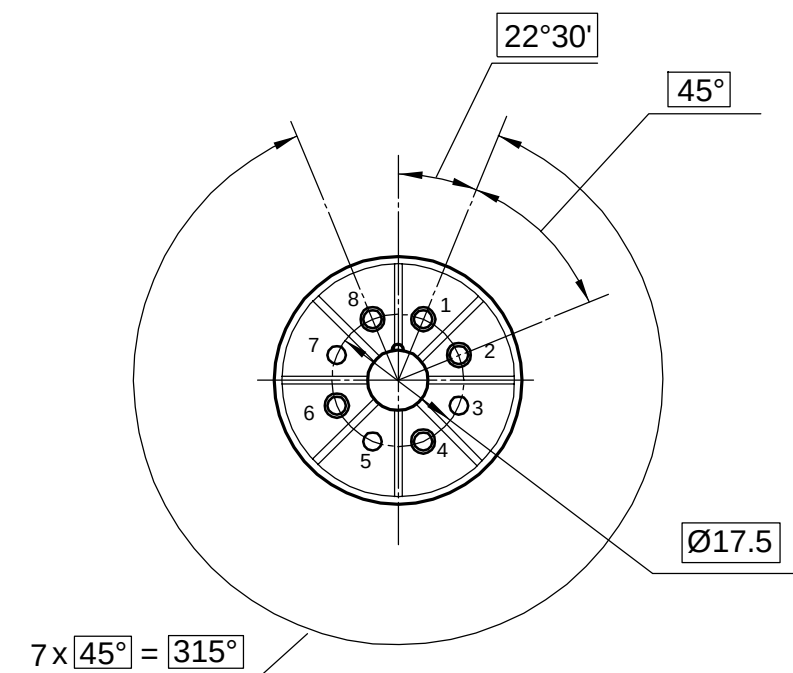
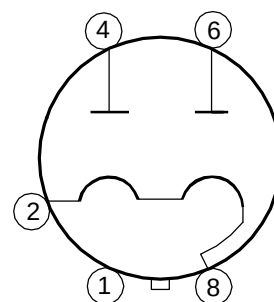


Vacuum tube 5U4GBEH is a filament two - plate cenotron in the glass bulb with octal base, designed for two - half - period rectification of alternating current in the midpoint circuits in radio engineering devices.

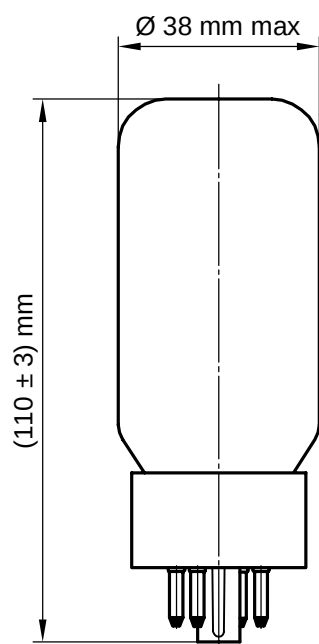
Pin arrangement



Electrode -to - lead connection diagram



Dimensions



Lead designation	Name of electrode
1	Free
2	Cathode
3, 5, 7	No
4	First diode plate
6	Second diode plate
8	Cathode

Electrical parameters

5U4GBEH

Parameters, conditions and units	Nominal	
	min	max
Heater current, A	2.7	3.4
Diode anod current at direct current filament feeding, mA (at: filament voltage 5.0 V, plate voltage 17 V)	40	—
Diode anod current at alternating current filament feeding, mA (at: filament voltage 5.0 V, plate voltage 17 V)	70	—
Rectified current, mA (at: filament voltage 5.0 V, the voltage of the secondary winding of the transformer, effective, 2 x 500 V, load resistance 3000 Ω , capacitance in the cathode chain, 40 μ F)	160	—

Limiting Values

Parameters, units	Nominal	
	min	max
Filament voltage, V	4.5	5.5
Rectified current (average), mA	—	250
Anode current amplitude, A	—	1.0
Current surge at the turn -on moment , A	—	4.6
Anod reverse voltage amplitude, V	—	1550
Temperature at the most heated part of the envelope, K°	—	423

