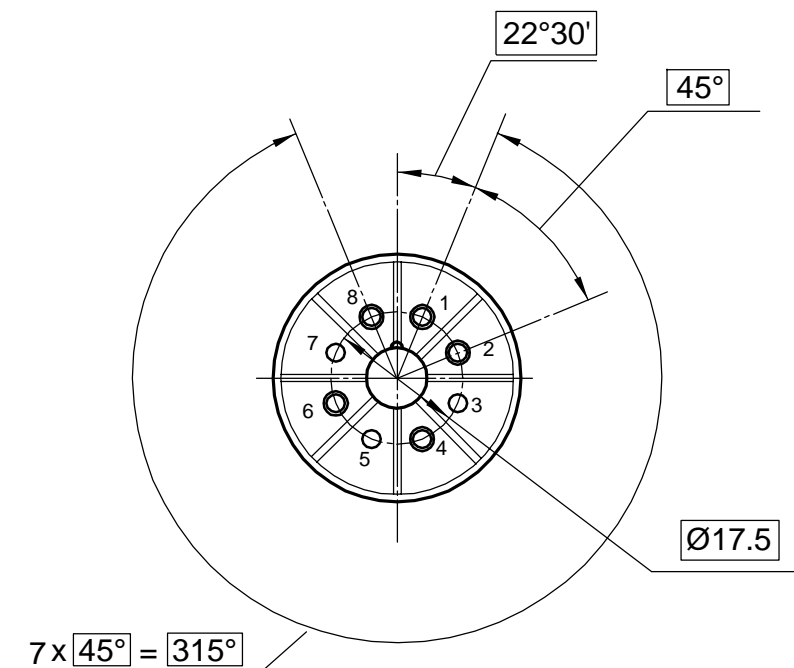
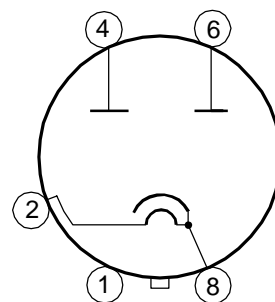


Vacuum tube 5Y3GT is a two - plate cenotron in glass bulb wiht octal base, with a common equipotential cathode, designed for two - half - period rectification of alternating current in the midpoint circuits in radio engineering devices.

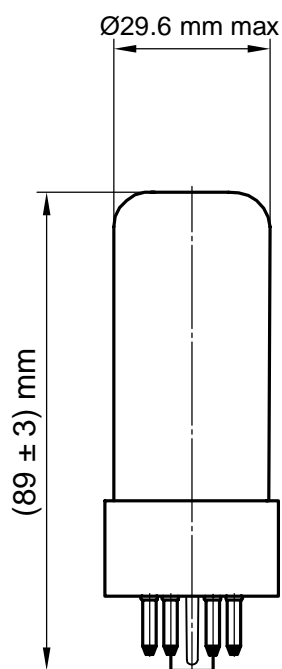
Pin arrangement



Electrode -to - lead connection diagram



Dimensions



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

Electrical parameters

5Y3GT

| Parameters, conditions and units | Nominal | |
|--|---------|-----|
| | min | max |
| Heater current, A | 1.6 | 2.2 |
| Diode anod current, 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 400 V, load resistance 3300 Ω, capacitance in the cathode chain, 40 μF) | 133 | — |

Limiting Values

| Parameters, units | Nominal | |
|---|---------|------|
| | min | max |
| Filament voltage, V | 4.5 | 5.5 |
| Rectified current (average), mA | — | 140 |
| Anode current amplitude, mA | — | 415 |
| Current surge at the turn -on moment , A | — | 1.4 |
| Anod reverse voltage amplitude, V | — | 1550 |
| Temperature at the most heated part of the envelope, K° | — | 473 |

