

6922EH

Miniature dual triode

| pin # | Electrode name |
|-------|-----------------------------------|
| 1 | Plate of 2 nd triode |
| 2 | Grid of 2 nd triode |
| 3 | Cathode of 2 nd triode |
| 4,5 | Heater |
| 6 | Plate of 1 st triode |
| 7 | Grid of 1 st triode |
| 8 | Cathode of 1 st triode |
| 9 | Screen |

Electrical data

| Parameter name | not less | not more | Measurement mode |
|------------------------------------------------------|----------|----------|---------------------------------------------------------------------------------------------------------------|
| Heater current, ma | 285 | 335 | Heater voltage = 6.3 v |
| Grid reverse current, μ a | - | 0,3 | Heater voltage = 6.3 v Plate voltage = 100 v Grid voltage = -1.5V Grid circuit resistance = 0.5 Mohm |
| Plate current, ma | 10 | 20 | Heater voltage = 6.3 v Plate voltage = 100 v Grid voltage = +9v Cathode circuit resistance = 680ohm |
| Transconductance, ma/v | 10 | 16 | --"-- |
| Amplification factor | 24 | 40 | --"-- |
| First to second triode balance, % | - | +/-20% | --"-- |
| Plate current in the beginning of the curve, μ a | - | 100 | Heater voltage = 6.3 v Plate voltage = 90 v Grid voltage = -8 v |
| Cathode to heater insulation resistance, Mohm | 12,5 | - | Heater voltage = 6.3 v Cathode to heater voltage = +/- 200 v |
| or Cathode to heater leakage current, μ a | - | 16 | |

Electrical parameters that could be changed within exploitation

| | |
|-----------------------------------------|-----|
| Transconductance, ma/v, not less | 7.5 |
| Grid reverse current, μ a, not more | 2.0 |

Limited values

| | |
|-----------------------------|-----|
| Heater voltage, v, not less | 6.0 |
| not more | 6.6 |
| Plate voltage, v, not more | 300 |

| | |
|-----------------------------------------------------|------|
| Cathode to heater voltage: | |
| Positive, v, not more | 200 |
| Negative, v, not more | 200 |
| Plate current, ma not more | 20 |
| Plate dissipation power of each triode, W, not more | 2.0 |
| Each triode grid circuit resistance: | |
| under automatic bias, Mohm not more | 1 |
| Plate voltage of cold tube, v, not more | 1000 |
| Max grid reverse current, v, not more | 55 |

The tube can't be exploited at two or more limited conditions.

Interelectrode capacitances:

| | |
|--------------------------------------------------|------|
| Input capacitance of each triode, pf, nominal | 32.5 |
| Output capacitance of each triode, pf, nominal | 2.0 |
| Transfer capacitance of each triode, pf, nominal | 1.5 |
| Plate to plate capacitance, pf, nominal | 0.09 |