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| Tube | 1Zh29B-V (1J29b-B) |
| Description | HF Pentode |
| Envelope | Glass, miniature |
| Weight | 4.5 g |
| Pin-out | |
| General parameters | |
| Measurement conditions | U _h =2.4V - serial connection, or U _h =1.2V - parallel connection; U _a =60V, U _{g2} =45V, U _{g1} =0V |
| Heater current | 62±6 mA - serial; 31±3 mA - parallel |
| Anode current | 5.3±1.7 mA |
| 2nd Grid current | < 0.5 mA |
| 1st Grid back current | < 0.3 mA at U _{g1} =-1V, R _{g1} =0.1MΩ |
| Mutual conductance | 2.5±0.8 mA/V |
| Mutual conductance + | > 1.2 mA/V at U _h =0.95V |
| Input Resistance | > 55kΩ at f=60 MHz |
| Equivalent resistance of noise | < 7 kΩ at f=30 MHz |
| Vibro-noise voltage | < 130 mV at R _a =10kΩ, f=50Hz, a=10g |
| Interelectrode capacitance | |
| Input capacitance | 5.2±0.6 pF |

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| Output capacitance | 3.2+0.6 pF |
| Transfer capacitance | < 0.005 pF |
| Anode-cathode capacitance | < 0.028 pF |
| Operating time | |
| | > 5000 hrs |
| Maximum of Parameters (upper bound) | |
| Heater (filament) voltage | 1.08 to 1.26 - parallel; 2.16 to 2.52 - serial V |
| Anode voltage | 150 V |
| 2nd Grid voltage | 120 V |
| Anode power (dissipation) | 1.2 W |
| 2nd Grid power (dissipation) | 0.35 W at 2nd grid |
| Resistance to Grid | 1 MOhm |
| Cathode current | 8 mA |
| Tube bulb temperature | 110 °C |
| Allowable outer temperature | -60 to +125 °C |
| Allowable vibrations | |
| Vibration | 10 g |
| at frequency | 5 to 600 Hz |
| Multiple blows | 150 g |
| Single blow | 500 g |
| Anode curves | picture |
| Anode-Grid curves | picture |

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