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TRIODE TT1G1250

Output power 1250 W
Anode Voltage 4.0 kV
Anode dissipation 300 W

ELECTRON TUBES

ELECTRICAL

Filament directly heated
Filament Voltage +5% -10% 10 V
Filament Current 10 A
Cold resistance ohm
Capacitances:
grid-anode 6.0 pF
grid-cathode 6.0 pF
cathode-anode 1.0 pF
Amplification factor μ 35
Transconductance $V_a=2$ kV, $I_a=20$ mA 10 mA/V

MAXIMUM RATINGS

Frequency 30 MHz
Anode voltage 4.0 kV
Peak cathode current 4 A
Anode dissipation 400 W
Grid dissipation 50 W
Grid voltage -500 V



OPERATING CONDITIONS

Class C RF oscillator

Frequency 30 MHz
Anode voltage 4.0 kV
Grid voltage 500 V
Anode current 400 mA
Grid current on load 0.070 A
Anode input power 1500 W
Anode output power 1250 W
Grid resistor 5000 ohm
Grid dissipation 10 W

Equivalent Tubes:
833A