
Looking for high-voltage tubes - New message in watched forum

1 message

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Fri, Feb 9, 2024 at 12:10 PM

diyAudio

Sorento posted a new message to a forum you are watching at [diyAudio](#).

Looking for high-voltage tubes

That's it, cetka is grid,
so U_c is V_g
I think you already guessed that B stands for V(olt), kB fo kV, BT for Watt.

Obviously main application was generation of RF pulses, radar maybe ...
The table gives only 2 characteristic points:
 $V_a = V_g = 1050$ Volt ---> at least 70 Amps
 $V_a = 4$ kVolt / $V_g = -900$ Volt ---> no more than 5 mA (cutoff)
The next line seems to contain a typo, V_a should read V_g , and the 2 μ A max
is the max grid current at $V_g = -250$ Volt / $I_a = 0.2$ A.

Your data sheet also gives
max anode dissipation: 150 Watt
max. anode voltage: 9 kV
max frequency 500 Mhz

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