HIGH-VOLTAGE HIGH-VACUUM RECTIFYING TUBE

Physical Specifications
Heater: Coated unipotential
Base: none
Maximum overall length: 2.087" 
Maximum diameter: .571"
Mounting position: any

General Electrical Data
Capacitance between plate and cathode: 0.8 µF
Heater voltage: 6.3 volts
Heater current: 90 ma

Maximum Ratings for operation at 60 c/s with sinusoidal input voltage (design center values)
Peak inverse plate voltage: max. 14,000 volts
D.C. output current: max. 3 ma
Filter input capacitor: max. 0.1 µF
Total effective plate supply impedance: min. 0.1 megohm

Maximum Ratings for operation at 10,000 to 50,000 c/s with sinusoidal voltage (design center values)
Peak inverse plate voltage: max. 17,000 volts
D.C. output current: max. 3 ma
Filter input capacitor: max. 0.01 µF
Total effective plate supply impedance: min. 0.1 megohm

Maximum Ratings for use as pulse type E.H.T. supply (design center values)
Peak inverse voltage: max. 17,000 volts
D.C. output current: max. 0.2 ma
Peak plate current: max. 80 ma 1)
Filter input capacitor: max. 5000 µF

1) Maximum pulse duration 1/3 of one cycle, with a maximum of 5 µ seconds.

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