DOUBLE DIODE TRIODE

High gain triode for use as a.f. voltage amplifier combined with twin diodes.

HEATER
Suitable for series or parallel operation a.c. or d.c.

\[ V_h = 6.3 \text{ V} \]
\[ I_h = 300 \text{ mA} \]

CAPACITANCES (measured without an external shield)

\[ c_{a-k} < 0.025 \text{ pF} \]

Triode section

\[ c_{h-g} = 2.1 \text{ pF} \]
\[ c_{k-k} = 2.3 \text{ pF} \]
\[ c_{a-k} = 1.1 \text{ pF} \]

CHARACTERISTICS

\[ V_a = 100 \text{ V} \]
\[ V_k = -1.0 \text{ V} \]
\[ I_a = 0.8 \text{ mA} \]
\[ g_m = 1.3 \text{ mA/V} \]
\[ \mu = 70 \]
\[ r_a = 54 \text{ k}\Omega \]

LIMITING VALUES

Triode section

\[ V_{a(h)} \text{ max.} = 550 \text{ V} \]
\[ V_a \text{ max.} = 300 \text{ V} \]
\[ p_u \text{ max.} = 1.0 \text{ W} \]
\[ R_{g-k} \text{ max.} = 3.0 \text{ M}\Omega \]
\[ V_{h-k} \text{ max.} = 90 \text{ V} \]

Diode sections (each section)

\[ I_{ad} \text{ max.} = 1.0 \text{ mA} \]

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4520

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B7G Base

19mm max

54.5mm max

DECEMBER 1958 (1)
ANODE CURRENT PLOTTED AGAINST ANODE VOLTAGE WITH CONTROL-GRID VOLTAGE AS PARAMETER