DIODE TRIODE

Medium gain triode for use as a.f. voltage amplifier, combined with a single diode for signal or a.g.c. rectification.

FILAMENT

Suitable for d.c. operation only.

\[
\begin{align*}
V_f & = 1.4 \text{ V} \\
I_f & = 50 \text{ mA}
\end{align*}
\]

CAPACITANCES

\[
\begin{align*}
c_{in} & = 1.3 \text{ pF} \\
c_{out} & = 6.0 \text{ pF} \\
c_{a-g} & = 1.0 \text{ pF} \\
c_{ad-f} & = 3.2 \text{ pF} \\
c_{ad-g} & = 0.002 \text{ pF} \\
c_{ad-at} & = 0.2 \text{ pF}
\end{align*}
\]

CHARACTERISTICS

\[
\begin{align*}
V_a & = 90 \text{ V} \\
V_g & = 0 \text{ V} \\
I_a & = 150 \text{ μA} \\
\mu & = 65 \\
r_a & = 240 \text{ kΩ} \\
g_m & = 275 \text{ μA/V}
\end{align*}
\]

LIMITING VALUE

\[
V_a \text{ max.} = 110 \text{ V}
\]

The diode anode is located at the negative end of the filament.

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