BASE CONNECTIONS AND VALVE DIMENSIONS

View from underside of base.

Base: B7G
Bulb: Tubular.
Overall length: 49—55 mm.
Seated length: 43—49 mm.
Max. diameter: 19 mm.

RATING

\[
\begin{align*}
V_h & = 0.1 \text{ A} \\
I_h & = 19 \text{ mA} \\
V_a & = 250 \text{ V} \\
\mu & = 70 \\
r_a & = 58 \\
\beta_m & = 1.2
\end{align*}
\]

CAPACITANCES (of unscreened valve)

\[
\begin{align*}
C_{g-a} & = 1.35 \text{ pF} \\
C_{a-all (less g)} & = 2.05 \text{ pF} \\
C_{g-all (less a)} & = 2.65 \text{ pF} \\
C_{d'-all (less d')} & = 2.2 \text{ pF} \\
C_{d'-all (less')} & = 2.2 \text{ pF} \\
C_{d'-d'} & = 0.64 \text{ pF} \\
C_{d'-g} & = 0.035 \text{ pF} \\
d' & = 0.02 \text{ pF}
\end{align*}
\]

TYPICAL OPERATION

\[
\begin{align*}
V_a & = 250 \text{ V} \\
I_a & = 1 \text{ mA} \\
V & = -3 \text{ V} \\
R_k & = 2 \text{ k}\Omega \\
R_a & = 0.25 \text{ M}\Omega
\end{align*}
\]

SCREENING

No internal or external screening is fitted to the valve.

MOUNTING

Any position.

MICROPHONY

Although this is of a very low order, equipment should be designed to minimise microphony.