SUBMINIATURE SINGLE DIODE

Indirectly-heated subminiature diode with 6.3V heater.

HEATER

\[
\begin{align*}
V_h &= 6.3 \text{ V} \\
I_h &= 150 \text{ mA}
\end{align*}
\]

MOUNTING POSITION

Any

Note – Direct soldered connections to the leads of this valve must be at least 5mm from the seal and any bending of the valve leads must be at least 1.5mm from the seal.

COOLING

In operation this valve may become very hot and therefore, in the interests of long life, it should be adequately cooled. A suitable method is to mount the valve in a metal clip which conducts the heat away to the chassis.

CAPACITANCES

\[
\begin{align*}
c_{a-k,h} &= 4.0 \text{ pF} \\
c_{k-a,h} &= 4.5 \text{ pF} \\
c_{a-h} &= 0.74 \text{ pF} \\
c_{h-k} &= 1.98 \text{ pF}
\end{align*}
\]

LIMITING VALUES

\[
\begin{align*}
P.I.V. \text{ max} &= 420 \text{ V} \\
V_a \text{ max} &= 150 \text{ V} \\
l_a \text{ max} &= 9.0 \text{ mA} \\
l_a(pk) \text{ max} &= 54 \text{ mA} \\
V_{h-k}(pk)\text{ max. (cathode positive)} &= 330 \text{ V}
\end{align*}
\]

3274

B5B/F Base

All dimensions in mm

Mullard
EA76

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ANODE CURRENT PLOTTED AGAINST ANODE VOLTAGE