

# MINIATURE GROUNDED GRID TRIODE

# EC91

Miniature screened triode for use  
as a grounded grid amplifier.

## HEATER

|       |     |   |
|-------|-----|---|
| $V_h$ | 6.3 | V |
| $I_h$ | 0.3 | A |

## CAPACITANCES

|             |      |            |
|-------------|------|------------|
| $c_{a-g}$   | 2.5  | $\mu\mu F$ |
| $c_{a-k+h}$ | <0.2 | $\mu\mu F$ |
| $c_{g-k+h}$ | 8.5  | $\mu\mu F$ |

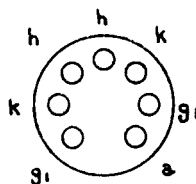
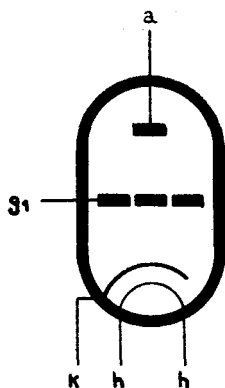
## OPERATING CONDITIONS

|                              |       |          |
|------------------------------|-------|----------|
| $V_a$                        | 250   | V        |
| $V_g$                        | -1.5  | V        |
| $R_k$                        | 150   | $\Omega$ |
| $I_a$                        | 10    | mA       |
| $S_m$                        | 8.5   | mA/V     |
| $\mu$                        | 100   |          |
| $r_a$                        | 12000 | $\Omega$ |
| Equivalent Noise Resistance. | 400   | $\Omega$ |

## LIMITING VALUES

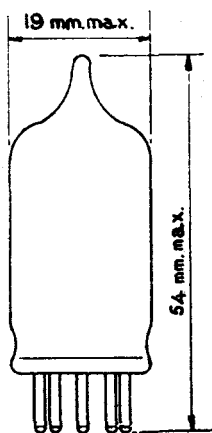
|                             |     |      |
|-----------------------------|-----|------|
| $V_a$ max.                  | 250 | V    |
| $w_a$ max.                  | 2.5 | W    |
| $I_k$ max.                  | 15  | mA   |
| $V_{h-k}$                   | 150 | V    |
| $V_{g-k}$                   | 100 | V    |
| Maximum Operating Frequency | 250 | Mc/s |

## ARRANGEMENT OF ELECTRODES AND BASE CONNECTIONS



B7G BASE

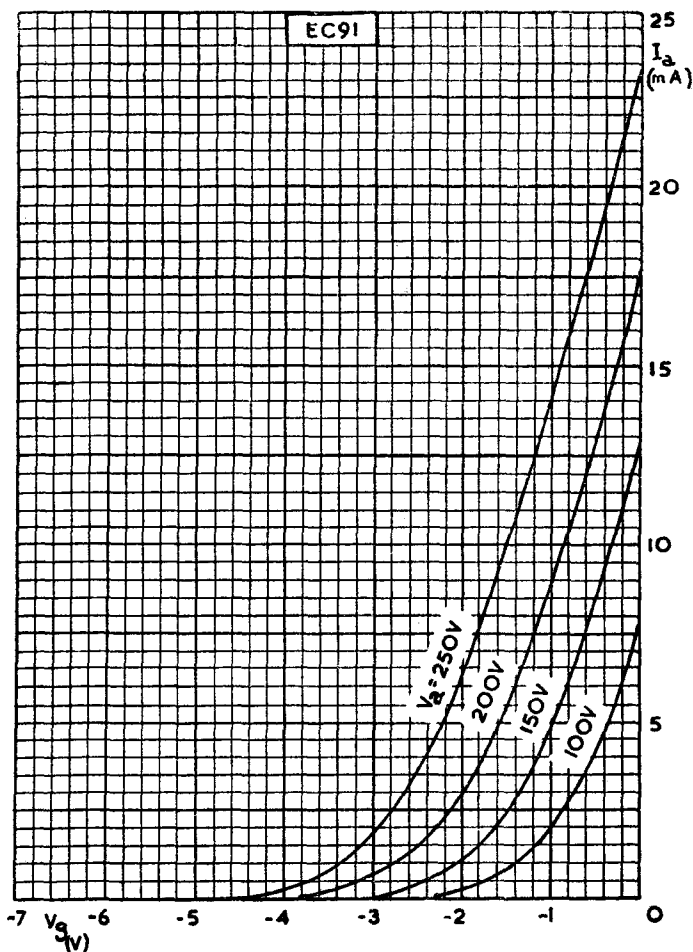
## DIMENSIONS



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