

# FULL-WAVE RECTIFIER

# EZ80

*Indirectly-heated full-wave rectifier, primarily intended for use in a.c. mains-operated equipment.*

## HEATER

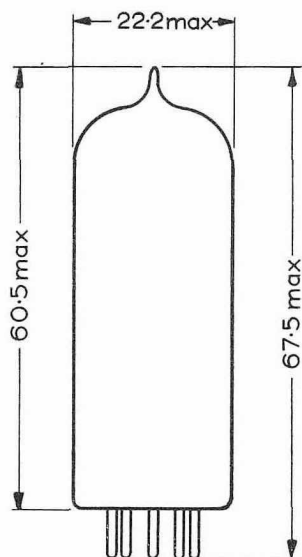
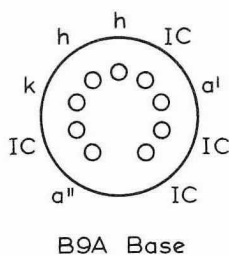
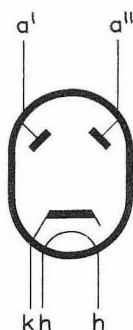
|       |     |    |
|-------|-----|----|
| $V_h$ | 6.3 | V  |
| $I_h$ | 600 | mA |

## LIMITING VALUES

|                              |                |         |
|------------------------------|----------------|---------|
| $V_{a(r.m.s.)}$ max.         | $2 \times 350$ | V       |
| $I_{out}$ max.               | 90             | mA      |
| C max.                       | 50             | $\mu F$ |
| $i_{a(pk)}$ max. (per anode) | 270            | mA      |
| $V_{h-k(pk)}$ max.           | 500            | V       |

## OPERATING CONDITIONS

|                            |                |                |                |                |          |
|----------------------------|----------------|----------------|----------------|----------------|----------|
| $V_{in(r.m.s.)}$           | $2 \times 250$ | $2 \times 275$ | $2 \times 300$ | $2 \times 350$ | V        |
| $R_{lim}$ min. (per anode) | 125            | 175            | 215            | 300            | $\Omega$ |
| C                          | 50             | 50             | 50             | 50             | $\mu F$  |
| $I_{out}$                  | 90             | 90             | 90             | 90             | mA       |
| $V_{out}$                  | 265            | 285            | 310            | 360            | V        |



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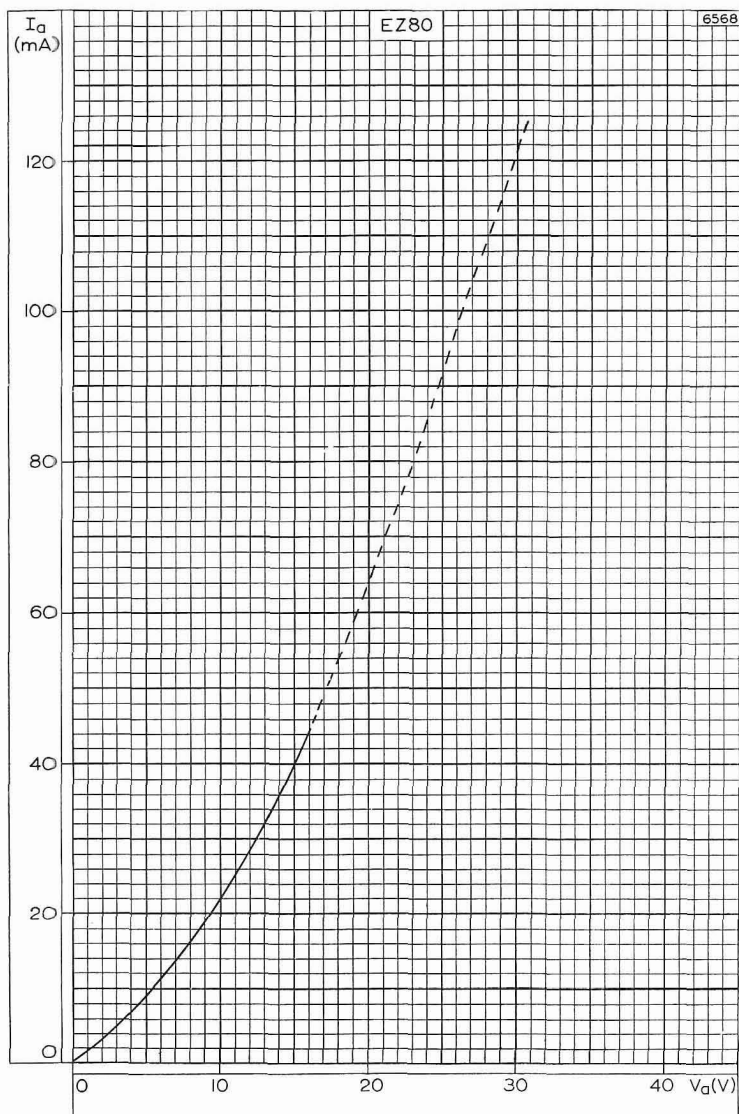
All dimensions in mm

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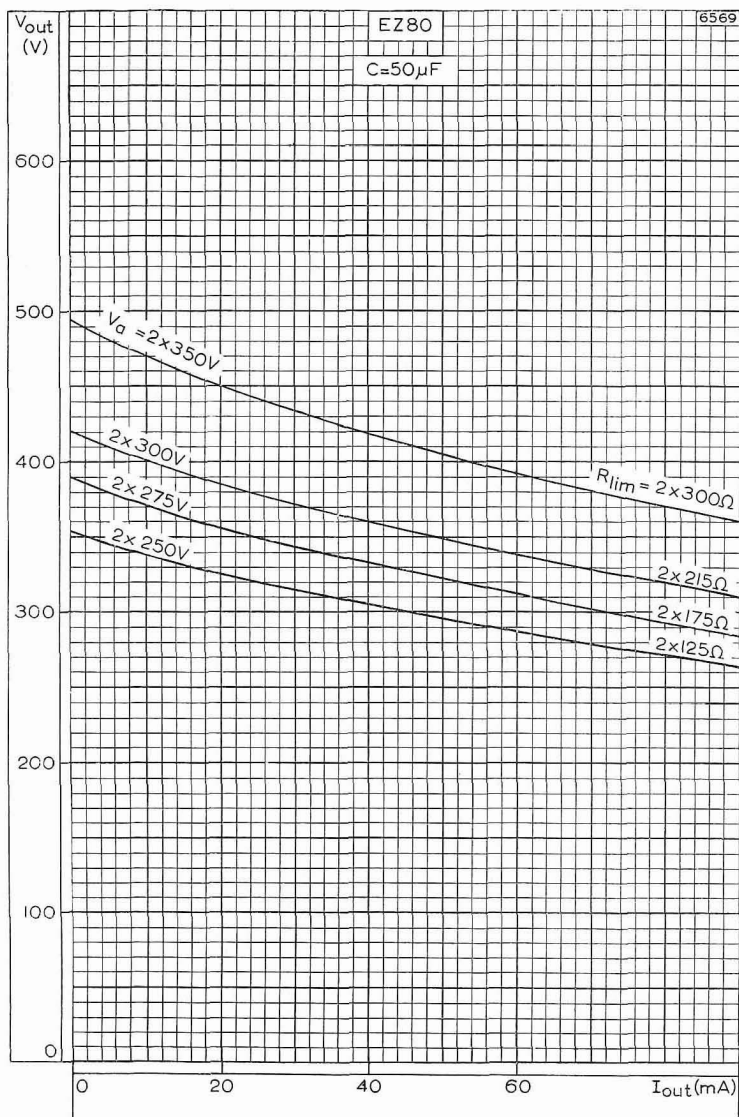
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ANODE CURRENT PLOTTED AGAINST ANODE VOLTAGE



REGULATION CURVES