

| TUBE |  | MARSHALL IOOW. VOLT. CHART |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | PIN | No. |  |  |  |  |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| $\begin{aligned} & \text { ECC83 } \\ & 12 A \times 7 A \end{aligned}$ | VI | 165 | - | 1.0 | H | H | 165 | - | 1.5 | H |
| $\begin{aligned} & \text { ECC8 } \\ & 12 A \times 7 A \end{aligned}$ | V2 | 175 | - | 1.1 | H | H | 305 | 175 | 175 | H |
| $\begin{aligned} & \text { ECCB3 } \\ & 124 \times 7 \Delta \end{aligned}$ | V3 | 230 | - | 24 | H | H | 230 | - | 24 | H |
| $\begin{aligned} & \text { EL34 } \\ & 6 \mathrm{CA} 7 \end{aligned}$ | V4 | - | H | 530 | 520 | -50 | NP | H | - | - |
| $\begin{aligned} & \text { EL34 } \\ & 6 \mathrm{CA7} \end{aligned}$ | V5 | - | H | 530 | 520 | -50 | NP | H | - | - |
| $\begin{aligned} & \text { EL34 } \\ & 6 \mathrm{CA} \end{aligned}$ | V6 | - | H | 530 | 520 | -50 | NP | H | - | - |
| $\begin{aligned} & \text { EL34 } \\ & 6 \mathrm{CAF} \end{aligned}$ | V7 | - | H | 530 | 520 | -50 | NP | H | - | - |
|  | V8 |  |  | 530 | 520 | -50 |  |  |  |  |


| TUBE |  | MARSHALL 50W. VOLT. CHART |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | PIN NO. |  |  |  |  |  |  |  |  |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| ECC83 12AX7A | VI | 180 | - | 1.6 | H | H | 160 | - | 1.6 | H |
| $\begin{aligned} & \mathrm{Ecc} 3 \\ & 10 \end{aligned}$ $12 \triangle \times 7 \Delta$ | V2 | 140 | - | 1 | H | H | 250 | 140 | 140 | H |
| $\begin{aligned} & \text { ECC83 } \\ & 12 A \times 7 A \end{aligned}$ | V3 | 220 | - | 40 | H | H | 210 | - | 40 | H |
| $\begin{aligned} & \text { EL34 } \\ & \text { 6CA7 } \end{aligned}$ | V4 | - | H | 380 | 390 | $-30$ | - | H | - | - |
| $\begin{aligned} & \text { EL34 } \\ & \text { GCAT } \end{aligned}$ | V5 | - | H | 380 | 390 | -30 | - | H | - | - |
| GZ34-5AR4 SOME MODELS | V6 | - | H | ${ }_{4 C} 320$ | - | ${ }_{4 C} 320$ | - | - | 400 | - |
| have solio state rec. | V7 |  |  |  |  |  |  |  |  |  |
|  | V8 |  |  |  |  |  |  |  |  |  |

