



| T.        |  |  | $U_f$         | $I_f$ | $U_a$  | $U_g$                                       | $I_a$         | $I_g$ | $S$                                    | $\mu$ | $f$  | $I_k$              | $U_{f/k}$ | $P_g$ | $P_a$           |
|-----------|---|---|---------------|-------|--|---|---------------|-------|--|-------|------|--------------------|-----------|-------|-----------------|
|           |   |   | V             | A     | V  | V   | mA            | mA    | mA/V                                   | V/V   | MHz  | mA                 | V         | W     | W               |
| EC 55     | eur   | 3   | $6,3 \pm 5\%$ | 0,4   | $\begin{cases} 250 \\ 350 \end{cases}$                                     | $\begin{cases} -3,5 \\ -50 \end{cases}$     | 20            |       | 6                                      | 30    |      |                    |           |       |                 |
|           |   |   |               |       |  |   |               |       | maximum                                |       | 3000 | 40                 | 50        | 0,1   | 10              |
| EC 56     | eur   | 1   | $6,3 \pm 2\%$ | 0,65  | $\begin{cases} 180 \\ 300 \end{cases}$                                     | $\begin{cases} -2,8 \\ -50 \end{cases}$     | 30            | 10    | 19                                     | 43    |      |                    |           |       |                 |
|           |   |   |               |       |  |   |               |       | maximum                                |       | 4000 | 35                 | 50        | 0,2   | 10              |
| EC 57     | eur   | 1   | $6,3 \pm 2\%$ | 0,65  | $\begin{cases} 180 \\ 300 \end{cases}$                                     | $\begin{cases} -2,8 \\ -50 \end{cases}$     | 60            | 10    | 19                                     | 43    |      |                    |           |       |                 |
|           |   |   |               |       |  |   |               |       | maximum                                |       | 4000 | 70                 | 50        | 0,2   | 10              |
| TD 03-5   | Mul   | 3   | 6,3           | 0,4   | $\begin{cases} 250 \\ 350 \end{cases}$                                     | $\begin{cases} -2 \\ -50 \end{cases}$       | 10            |       | 6,5                                    | 70    |      |                    |           |       |                 |
|           |   |   |               |       |  |   | 25            |       | maximum                                |       | 2000 |                    |           |       | 5               |
| TD 04-20  | Mul   | 4   | 6,3           | 1     | $\begin{cases} 400 \\ 400 \end{cases}$                                     |   | 50            |       | 10                                     | 28    |      |                    |           |       |                 |
|           |   |   |               |       |  |   |               |       | maximum                                |       | 2000 | 150                |           | 1     | 20              |
| TD 05-12  | Mul   | 2   | 6,3           | 0,75  | $\begin{cases} 250 \\ 500 \\ 150 \end{cases}$                              | $\begin{cases} 0 \\ 10 \end{cases}$         | 40            |       | 4                                      | 65    |      |                    |           |       |                 |
|           |   |   |               |       |  |   |               |       | maximum                                |       | 1300 |                    |           |       | 12              |
|           |   |   |               |       |  |   |               | 1,5   | (Osc.; $P_o=20mW$ ; $R_g=0\Omega$ )    |       | 1100 |                    |           |       | 1,48            |
| TD 3-12   | Mul   | 2   | 6,3           | 0,9   | $\begin{cases} 250 \\ 2000^2) \\ 3000^3) \end{cases}$                      |   | 22,5          |       | 8                                      | 50    |      |                    |           |       |                 |
|           |   |   |               |       |  |   | 7,2           |       | (Osc.; $P_o=4,5W$ ; $R_g=50\Omega$ )   |       | 1050 | 1500 <sup>2)</sup> |           |       | 9,9             |
|           |   |   |               |       |  |   | 2             |       | (Osc.; $P_o=1,2W$ ; $R_g=50\Omega$ )   |       | 1050 | 2500 <sup>3)</sup> |           |       | 4,25            |
| TD 3,5-12 | Mul   | 2   | $6,3 \pm 5\%$ | 0,9   | $\begin{cases} 250 \\ 500 \\ 360 \\ 470 \\ 3000^3) \\ 3500^3) \end{cases}$ |   | 22,5          |       | 8                                      | 50    |      |                    |           |       |                 |
|           |   |   |               |       |  |   | 40            |       | maximum                                |       | 1500 | 55                 | 90        |       | 12              |
|           |   |   |               |       |  |   | $14 \times 2$ |       | (Osc.; $P_o=4,7W$ ; $R_g=1k\Omega$ )   |       | 1500 |                    |           |       | $2,65 \times 2$ |
|           |   |   |               |       |  |   | $19 \times 2$ |       | (Osc.; $P_o=9W$ ; $R_g=1k\Omega$ )     |       | 1500 |                    |           |       | $4,45 \times 2$ |
|           |   |   |               |       |  |   | 3,5           |       | (Osc.; $P_o=0,75W$ ; $R_g=100\Omega$ ) |       | 3370 | 2800 <sup>3)</sup> |           |       |                 |
|           |   |   |               |       |  |   |               |       | maximum                                |       | 3370 | 4000 <sup>3)</sup> |           |       | 12              |
| 2 C 40    | int   | 2   | $6,3 \pm 5\%$ | 0,75  | $\begin{cases} 250 \\ 500 \\ 250 \\ 250 \end{cases}$                       | $\begin{cases} -4 \\ -10 \\ -5 \end{cases}$ | 15            |       | 5                                      | 36    |      |                    |           |       |                 |
|           |   |   |               |       |  |   | 25            |       | maximum                                |       | 3370 |                    | 90        |       | 6,5             |
|           |   |   |               |       |  |   | 20            | 1,2   | (Osc.; $P_o = 0,5W$ )                  |       | 2300 |                    |           |       |                 |
|           |   |   |               |       |  |   | 20            | 0,3   | (Osc.; $P_o = 0,075W$ )                |       | 3300 |                    |           |       |                 |
| 6 C 5Д    | СССР  | 2   | $6,3 \pm 5\%$ | 0,77  | $\begin{cases} 250 \\ 300 \end{cases}$                                     |   | 15            |       | 4,75                                   | 42,5  |      |                    |           |       |                 |
|           |   |   |               |       |  |   | 25            |       | maximum                                |       | 3370 |                    | 100       |       | 6,5             |
| 446-A     | amer  | 1   | 6,3           | 0,75  | 250  |   | 15            |       | 4,5                                    | 45    |      |                    |           |       | 3,75            |
| 464-A     | amer  | 1   | 6,3           | 0,75  | 250  |   | 25            |       | 7                                      | 46    |      |                    |           |       |                 |

<sup>1)</sup>  $I_a(max) = 50 \text{ mA}$ ;  $P_g = 0,5 \text{ W}$

<sup>2)</sup> Impulse = 3  $\mu\text{sec}$

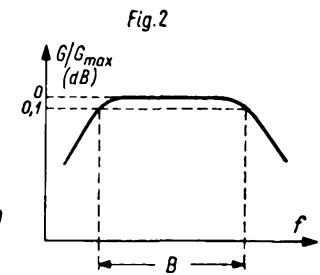
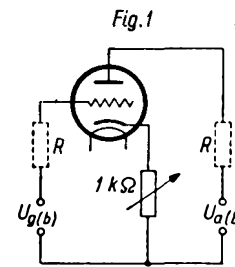
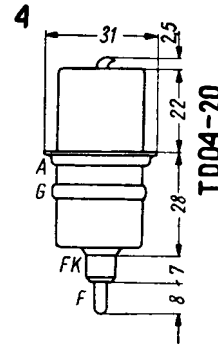
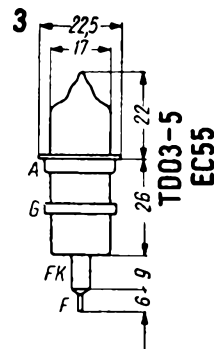
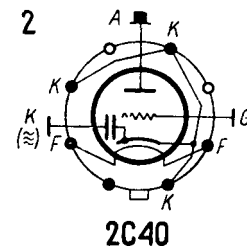
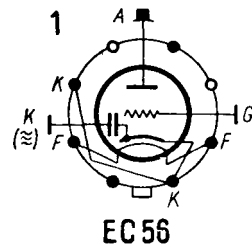
<sup>3)</sup> Impulse = 1  $\mu\text{sec}$

| T.         | $C_{a/g}$ | $C_{a/k}$ | $C_{g/k}$ | $C_{k \approx /m}$ |
|------------|-----------|-----------|-----------|--------------------|
|            | pF        | pF        | pF        | pF                 |
| EC 55      | 1,3       | 0,03      | 1,8       |                    |
| EC 56      | 1,6       | 0,04      | 3,3       |                    |
| EC 57      | 1,6       | 0,04      | 3,3       |                    |
| TD 03-5    | 1         | 0,01      | 2         |                    |
| TD 03-10   | 1,1       | 0,02      | 2,2       |                    |
| TD 03-10 F | 1,4       | 0,045     | 1,7       |                    |
| TD 04-20   | 2,3       | 0,05      | 5         |                    |
| TD 05-12   | 1,7       | 0,025     | 2,2       |                    |
| TD 3-12    | 1,7       | 0,05      | 2,8       | 50                 |
| TD 3,5-12  | 1,7       | 0,05      | 2,8       | 30                 |
| 2 C 40     | 1,3       | 0,03      | 2,2       | 100                |
| 2 C 43     | 1,7       | 0,02      | 2,7       | 100                |
| 6 C 5 П    | 1,32      | 0,05      | 2,35      | 87,5               |
| 446-A      | 1,6       | 0,02      | 2,2       |                    |

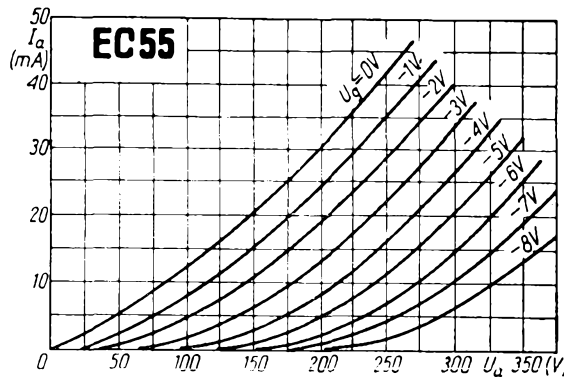
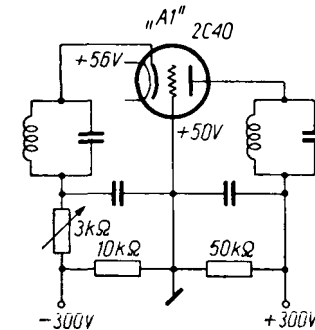
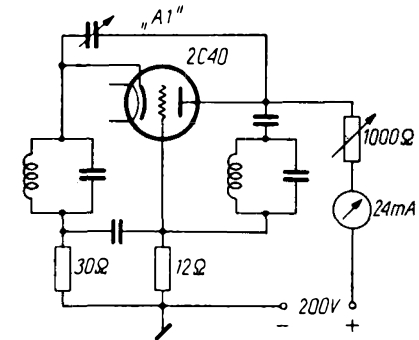
### Equivalents

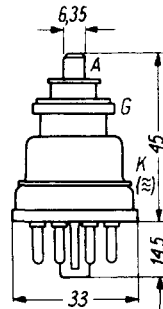
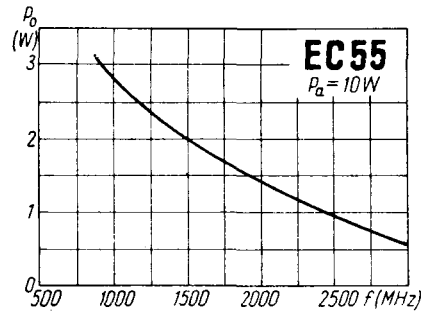
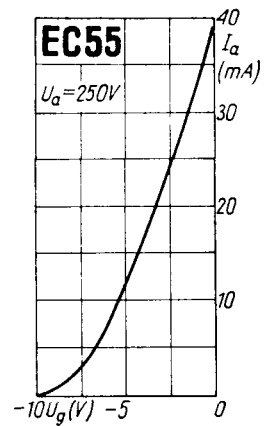
|                                |                  |
|--------------------------------|------------------|
| DET 22                         | MOG = EC 55      |
| DET 23                         | MOG = TD 03-5    |
| <b>DET 24</b>                  | MOG = TD 04-20   |
| GL 446 A                       | GE = 446-A       |
| GL 446 B                       | GE = 446-A       |
| ME 1001                        | Mul = EC 55      |
| ME 1005                        | Mul = TD 03-5    |
| <b>TD 03-10<sup>1)</sup></b>   | Mul = EC 55      |
| <b>TD 03-10 F<sup>1)</sup></b> | Mul = EC 55      |
| TM 1                           | CCCP = 6 C 5 П   |
| 2 C 42                         | amer = TD 3,5-12 |
| 2 C 43                         | amer = TD 3,5-12 |
| 2 C 44                         | amer = TD 3,5-12 |
| 2 C 46                         | amer = TD 3,5-12 |
| 2 C 47                         | amer = TD 3,5-12 |
| 446-B                          | amer = 446-A     |
| 1656                           | amer = 464-A     |
| 5861                           | Phi = EC 55      |

<sup>1)</sup>  $I_a(\max) = 50 \text{ mA}$ ;  $P_g = 0,5 \text{ W}$



| T.    | $U_{a(b)}$ | $U_{g(b)}$ | $I_a$ | B   | G  | $P_o$ |
|-------|------------|------------|-------|-----|----|-------|
|       | V          | V          | mA    | MHz | dB | W     |
| EC 56 | 200        | +20        | 30    | 50  | 6  | 0,5   |
| EC 57 | 200        | +20        | 60    | 50  | 8  | 1,8   |





**EC56**  
**EC57**

