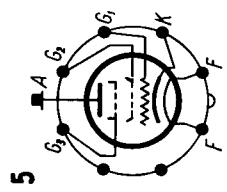


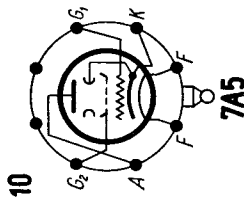
| T. | Image 1 | Image 2 | U _f | I _f | Cl. | U _a | U _{g2} | U _{g1} | I _a | I _{g2} | S | R _i | μ | R _k | R _o | P _o | U _{g1} ≈ | h | | | | | | | | |
|-------|---------|---------|----------------|----------------|-----|----------------|-----------------|-----------------|--|-----------------|-----------------|----------------|----|----------------|----------------|----------------|-------------------|-----|------|-----------------|-----------------|-----|-------|------|------|---|
| | | | | | | | | | | | | | | | | | | | V | A | V | V | mA | mA/V | kΩ | g ₂ /g ₁ (a/g) |
| EL 8 | eur | 1 | 6,3 | 0,5 | A 1 | 250 | 250 | - 7,5 | 20 | 3,2 | 5,5 | 60 | | 320 | 12,5 | 2 | 3,8 | 10 | | | | | | | | |
| EL 13 | Tif | 2 | 6,3 | 0,5 | A 1 | 250 | 275 | - | maximum (I _k = 28 mA; P _a = 5 W; P _{g2} = 0,8 W; R _{g1} = 1 MΩ; U _{flk} = 50 V) | 3,5 | 3,2 | 90 | 11 | 360 | 9 | 2,1 | 6,8 | 11 | | | | | | | | |
| EL 42 | eur | 3 | 6,3 | 0,2 | A 1 | 200 | 225 | - 9,3 | 22,5 | 4,1 | 3,2 | 90 | 11 | 360 | 9 | 2,8 | 8 | 12 | | | | | | | | |
| EL 85 | eur | 4 | 6,3 | 0,2 | A 1 | 200 | 250 | -17 | (16 ÷ 17) × 2 | (2,6 ÷ 5,6) × 2 | (3,2 ÷ 6,7) × 2 | | | 310 | 15 | 4,1 | 9,6 | 5,5 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | B | (20 ÷ 21,5) × 2 | (0,8 ÷ 4,6) × 2 | 310 | 15 | 7 | 12,5 | 5,5 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EL 44 | Phl | 5 | 6,3 | 0,72 | A 1 | 250 | 300 | -22,5 | maximum (I _k = 35 mA; P _a = 6 W; P _{g2} = 1 W; R _{g1} = 1 MΩ; U _{flk} = 100 V) | 3,3 | 5 | 10 | 5 | 3500 | V | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | Sim | 6 | 6,3 | 0,75 | A 1 | 200 | 200 | - 4,5 | 33 | 4,6 | 9,75 |
| EL 88 | Sim | 6 | 6,3 | 0,75 | A 1 | 200 | 200 | - 4,5 | 33 | 4,6 | 9,75 | 48 | 20 | 360 | 15 | 6,25 | 16 | 5 | | | | | | | | |

| T. | Image | Image | U _f | I _f | Cl. | U _a | U _{g2} | U _{g1} | I _a | I _{g2} | S | R _i | μ | R _k | R _o | P _o | U _{g1} ≈ | h |
|----------------------------|-------|-------|----------------|----------------|-----|----------------|-----------------|--|-----------------|---|------|----------------|--------------------------|----------------|----------------|----------------|--------------------------|----|
| | | | | | | | | | | | | | | | | | | |
| EL 95 | eur | 7 | 6,3 | 0,2 | A 1 | 200 | 200 | - 6,5 | 23 | 4,2 | 5 | 80 | 17 | 230 | 8 | 2,3 | 4,5 | 12 |
| | | | | | | 250 | 250 | - 9 | 24 | 4,5 | | | | | | | | |
| | | | | | | 200 | 200 | (17,5 ÷ 20) × 2 | (3,2 ÷ 5,2) × 2 | | | | | | | | | |
| | | | | | | 250 | 250 | (22 ÷ 26) × 2 | (4 ÷ 7,5) × 2 | | | | | | | | | |
| | | | | | | 200 | 200 | (7 ÷ 19) × 2 | (1,2 ÷ 5) × 2 | | | | | | | | | |
| | | | | | | 250 | 250 | (8 ÷ 24) × 2 | (1,2 ÷ 7,2) × 2 | | | | | | | | | |
| 6 AS 5 | amer | 8 | 6,3 | 0,8 | A 1 | 150 | 110 | - 8,5 | 35 | 2 | 5,6 | 1,25 | 1,25 | 2 MΩ | 2 | MΩ | U _{fjk} = 100 V | 6 |
| | | | | | | 150 | 117 | maximum (P _a = 5,5 W; P _{g2} = 1 W; R _{g1} = 0,5 MΩ; U _{fjk} = 90 V) | | | | | | | | | | |
| 6 BF 5 | amer | 9 | 6,3 | 1,2 | A 1 | 110 | 110 | - 7,5 | 36 | 4 | 7,5 | 12 | 2,5 (6,7) | 2,5 | 1,9 | 7,5 | 10 | |
| | | | | | | 225 | Fig. 1 | - 30 | 10 | — | | | | | | | | |
| 6 CA 5 | amer | 8 | 6,3 | 1,2 | A 1 | 110 | 110 | - 4 | 32 ÷ 31 | 3,5 ÷ 7,5 | 8,1 | 16 | R _{g1} = 2,2 MΩ | 3,5 | 1,1 | 4 | 5 | |
| | | | | | | 125 | 125 | - 4,5 | 37 ÷ 36 | 4 ÷ 11 | | | | | | | | |
| 17 CA 5 | amer | 8 | 16,8 | 0,45 | A 1 | 130 | 130 | - 4,5 | maximum | (P _a = 5 W; P _{g2} = 1,4 W; R _{g1} = 0,5 MΩ; U _{fjk} = 200 V) | | | | | | | | |
| | | | | | | 130 | 130 | - 4,5 | maximum | (P _a = 5 W; P _{g2} = 1,4 W; R _{g1} = 0,5 MΩ; U _{fjk} = 200 V) | | | | | | | | |
| 6 CU 5 | amer | 8 | 6,3 | 1,2 | A 1 | 120 | 110 | - 8 | 49 | 4 | 7,5 | 10 | 2,5 | 2,3 | 5,7 | 10 | | |
| | | | | | | 135 | 117 | maximum (P _a = 6 W; P _{g2} = 1,25 W; R _{g1} = 0,5 MΩ; U _{fjk} = 200 V) | | | | | | | | | | |
| 6 EH 5 | RCA | 16 | 6,3 | 1,2 | A 1 | 110 | 115 | - 7,5 | 42 | 11,5 ÷ 14,5 | 14,6 | 11 | 62 | 3 | 1,4 | 3 | 7 | |
| | | | | | | 140 | 120 | - 9 | 42 | (23,5 ÷ 25,5) × 2 | | | | | | | | |
| 25 EH 5 | RCA | 16 | 25 | 0,3 | AB | 150 | 130 | - 9 | maximum | (P _a = 5 W; P _{g2} = 1,75 W; U _{fjk} = 200 V) | | | | | | | | |
| | | | | | | 150 | 130 | - 9 | maximum | (P _a = 5 W; P _{g2} = 1,75 W; U _{fjk} = 200 V) | | | | | | | | |
| 7 A 5 | amer | 10 | 6,3 | 0,75 | A 1 | 110 | 110 | - 7,5 | 40 | 3 | 5,8 | 14 | 2,5 | 1,5 | 7,5 | 10 | | |
| | | | | | | 125 | 125 | - 9 | 44 | 3,3 | | | | | | | | |
| 11 E 2 | Maz | 11 | 6,3 | 0,9 | A 1 | 125 | 125 | - 9 | 25 | maximum (P _a = 5,5 W; P _{g2} = 1,2 W) | | | | | | | | |
| | | | | | | 200 | 200 | - 9 | 25 | maximum (P _a = 5,5 W; P _{g2} = 1,2 W) | | | | | | | | |
| 38 | amer | 12 | 6,3 | 0,3 | A 1 | 100 | 100 | - 9 | 7 | 1,2 | 0,87 | 140 | 15 | 0,27 | 9 | | | |
| | | | | | | 250 | 250 | - 25 | 22 | 3,8 | | | | | | | | |
| 89 | amer | 13 | 6,3 | 0,4 | A 1 | 100 | 100 | - 10 | 9,5 | 1,6 | 1,2 | 104 | 10,7 | 0,33 | 9 | | | |
| | | | | | | 250 | 250 | - 25 | 32 | 5,5 | | | | | | | | |
| 5639 ¹⁾ 6145 | amer | 14 | 6,3 | 0,45 | A 1 | 150 | 100 | - 25 | 21 | 4 | 9 | 50 | 100 | 6,7 | 3,4 | 9 | | |
| | | | | | | 150 | 100 | - 25 | 34 | 8 | | | | | | | | |

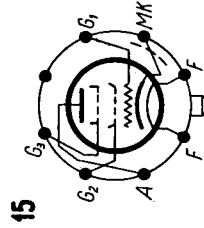
¹⁾ vide * 4, a, b, c, d, f, g (U_f = 6,3 V ± 5%)



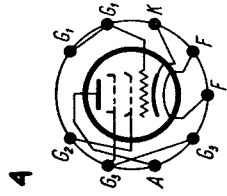
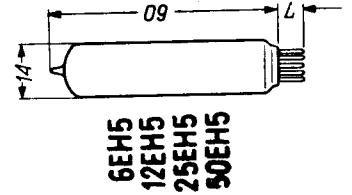
EL44



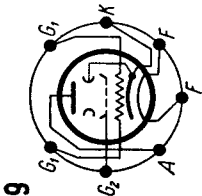
7A5



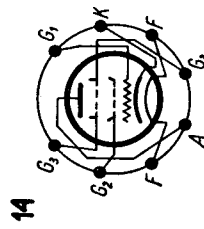
6145



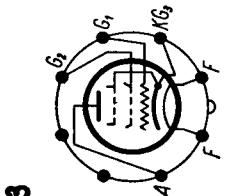
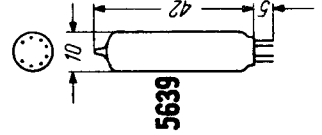
EL85



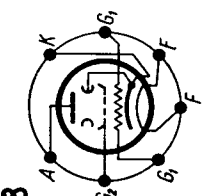
6BF5



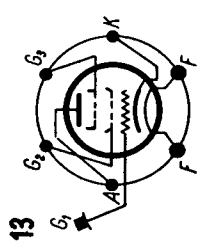
5639



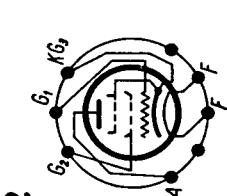
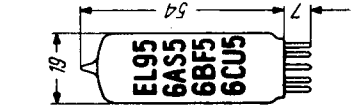
EL42



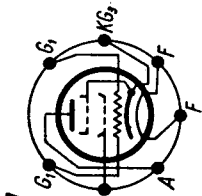
6AS5



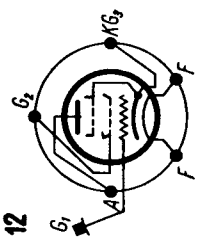
89



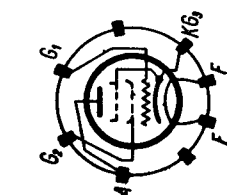
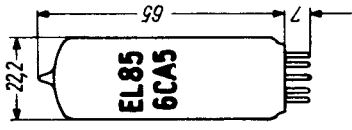
EL13



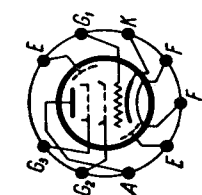
EL95



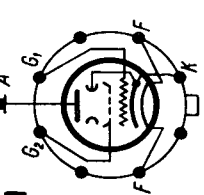
38



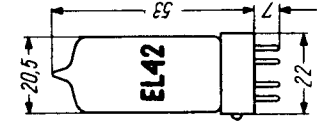
EL18



EL88



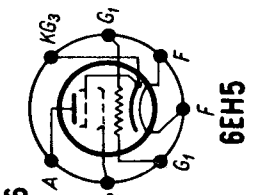
11E2



| T. | C _{g1k} | | C _{d1k} | | C _{g1a} | | C _{g1f} | |
|--------|------------------|-----|------------------|----|------------------|----|------------------|-----|
| | pF | pF | pF | pF | pF | pF | pF | pF |
| EL 13 | 4,3 | | | | 0,5 | | | 0,2 |
| EL 42 | 4,3 | 6,2 | | | 0,2 | | | 0,2 |
| EL 85 | 4,3 | 5,1 | | | 0,2 | | | 0,2 |
| EL 95 | 5,3 | 3,5 | | | 0,4 | | | 0,2 |
| 6 AS 5 | 12 | 6,2 | | | 0,6 | | | |
| 6 BF 5 | 14 | 6 | | | 0,65 | | | |
| 6 CA 5 | 15 | 9 | | | 0,5 | | | |
| 6 CU 5 | 13,2 | 8,6 | | | 0,7 | | | |
| 6 EH 5 | 17 | 9 | | | 0,65 | | | |
| 11 E 2 | 15,5 | 7,5 | | | 0,2 | | | |

Equivalents

| | | | |
|-----------------------|------|---|-------|
| BF 62 | Maz | = | EL 42 |
| CK 5639 ¹⁾ | Ray | = | 5639 |
| N 151 | Marc | = | EL 42 |
| SN 953 D | Syl | = | 5639 |
| UX 182 | amer | = | 38 |
| UX 183 | amer | = | 38 |
| UY 238 | amer | = | 38 |
| 6 BN 5 | amer | = | EL 85 |
| 138 A | amer | = | 38 |
| 238 | amer | = | 38 |
| 338 | amer | = | 38 |
| 438 | amer | = | 38 |
| 638 | amer | = | 38 |



6EH5

