

TETRODA

RE 025 XS

Tesla

Wzmacniacz w. cz., generator
i powielacz częstotliwości

Wartości charakterystyczne

| | | |
|----------|-------------|------|
| U_z | $6 \pm 5\%$ | V |
| I_z | 2,5 | A |
| U_a | 500 | V |
| U_{s2} | 250 | V |
| I_a | 200 | mA |
| S_a | 12 | mA/V |
| K_a | 5 | |

Pojemności

| | | |
|-----------|------|----|
| $C_{s/k}$ | 18,5 | pF |
| $C_{a/k}$ | 4,7 | pF |
| $C_{a/s}$ | 0,04 | pF |

Wartości graniczne

| | | |
|-----------------------|-------------------|-----|
| $U_a \text{ max}$ | 2000 | V |
| $P_a \text{ max}$ | 250 | W |
| $I_a \text{ max}$ | 250 | mA |
| $U_{s2} \text{ max}$ | 400 | V |
| $P_{s2} \text{ max}$ | 12 | W |
| $U_{s1} \text{ max}$ | -250 | V |
| $P_{s1} \text{ max}$ | 2 | W |
| $U_{k/2} \text{ max}$ | 150 | V |
| f_{max} | 400 ¹⁾ | MHz |

Dane mechaniczne

Wykonanie: szklane, kato-
da tlenkowa, pośrednio
żarzona.

Chłodzenie: powietrzem
0,15 m²/min, 6 mm (H₂O)

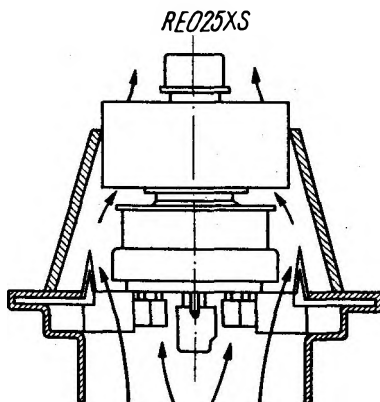
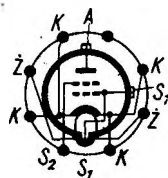
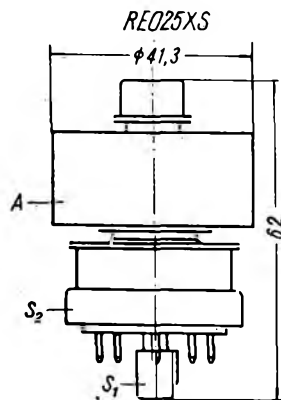
$t^{\circ} \text{ bańki max} = 175^{\circ}\text{C}$

$t^{\circ} \text{ anody max} = 250^{\circ}\text{C}$

Ustawienie: dowolne

Ciężar: netto 120 G

¹⁾ Przy obniżonym U_a można zasto-
sować lampę do $f = 580$ MHz



Typy podobne: 4 X 250 A — Eimac

Wzmacniacz w. cz. Klasa C lub generator. Telegrafia lub telefonia FM¹⁾

| | | | | | |
|-----------|-----|------|------|------|-----|
| f_{max} | 175 | 175 | 175 | 175 | MHz |
| U_a | 500 | 1000 | 1500 | 2000 | V |
| U_{s1} | -90 | -90 | -90 | -90 | V |
| U_{s2} | 250 | 250 | 250 | 250 | V |
| I_a | 250 | 250 | 250 | 250 | mA |
| I_{s1} | 32 | 28 | 28 | 27 | mA |
| I_{s2} | 45 | 35 | 30 | 25 | mA |
| U_{s1k} | 118 | 116 | 116 | 115 | V |
| P_{wzb} | 3,6 | 3,2 | 3,2 | 2,8 | W |
| P_a | 125 | 250 | 375 | 500 | W |
| P_{wyj} | 85 | 195 | 300 | 410 | W |

¹⁾ Przy naciśniętym kluczu dla 1 lampyWzmacniacz w. cz. Klasa C. Telefonia. Modulacja anodowa¹⁾

| | | | | | | | | | |
|-----------|------|------|------|-----|---------------------------|-----|-----|-----|----|
| f_{max} | 175 | 175 | 175 | MHz | I_{s2} | 45 | 35 | 25 | mA |
| U_a | 500 | 1000 | 1500 | V | U_{s1sk} | 124 | 122 | 121 | V |
| U_{s1} | -100 | -100 | -100 | V | P_{wzb} | 2,7 | 2,3 | 2,1 | W |
| U_{s2} | 250 | 250 | 250 | V | P_a | 100 | 200 | 300 | W |
| I_a | 200 | 200 | 200 | mA | P_{wyj} | 75 | 160 | 250 | W |
| I_{s1} | 22 | 19 | 17 | mA | ¹⁾ Dla 1 lampy | | | | |

Wzmacniacz m. cz. Klasa AB1. Wartości dla 2 lamp

| | | | | | | | | | |
|----------|------|------|------|----|------------|------|------|------|----------|
| U_a | 1000 | 1500 | 2000 | V | I_{s2} | 50 | 40 | 30 | mA |
| U_{s1} | -50 | -50 | -50 | V | $R_{a/a}$ | 3260 | 5760 | 8260 | Ω |
| U_{s2} | 350 | 350 | 350 | V | U_{s1sk} | 50 | 50 | 50 | V |
| I_{a0} | 200 | 200 | 200 | mA | P_{wyj} | 250 | 450 | 650 | W |
| I_a | 500 | 500 | 500 | mA | k | 4,5 | 4,5 | 4,5 | % |

Wzmacniacz liniowy w. cz. Klasa AB1. Wartości dla 1 lampy

| | | | | | | | | | |
|-----------|------|------|------|-----|------------|-----|-----|-----|----|
| f_{max} | 175 | 175 | 175 | MHz | I_a | 250 | 250 | 250 | mA |
| U_a | 1000 | 1500 | 2000 | V | I_{s2} | 25 | 20 | 15 | mA |
| U_{s1} | -50 | -50 | -50 | V | U_{s1sk} | 50 | 50 | 50 | V |
| U_{s2} | 350 | 350 | 350 | V | P_{wyj} | 125 | 225 | 325 | W |
| I_{a0} | 100 | 100 | 100 | V | | | | | |

