

"Miniwatt" UF 41

Preliminary data

PENTODE with variable- μ for H.F., I.F., or L.F.-amplification

HEATER A.C./D.C. series supply

$V_f = 12,6$ V

$I_f = 0,100$ A

CAPACITIES

$C_{g1} < 0,002$ pF

$C_a = 8,0$ pF

$C_{g1} = 4,7$ pF

$C_{g1f} < 0,05$ pF

OPERATING CONDITIONS

| | | | | |
|----------------|----------|----------|---------|------------|
| $V_a = V_b =$ | 100 | 170 | 200 | V |
| $R_{g2} =$ | 40 | 40 | 40 | k Ω |
| $R_k =$ | 325 | 325 | 325 | Ω |
| $V_{g1} =$ | -1,4 -17 | -2,5 -28 | -3 -34 | V |
| $I_a =$ | 3,3 - | 6 - | 7,2 - | mA |
| $I_{g2} =$ | 1 - | 1,7 - | 2 - | mA |
| $S =$ | 1900 19 | 2200 22 | 2300 23 | $\mu A/V$ |
| $R_i =$ | 0,8 >10 | 1 >10 | 1 >10 | M Ω |
| $\mu_{g2g1} =$ | 18 - | 18 - | 18 - | - |
| $R_{eq} =$ | 7 - | 6,5 - | 5,5 - | k Ω |

LIMITS

| | | | | |
|-----------------------------------|---|------|------|------------|
| $V_{ao} =$ | = | max. | 550 | V |
| $V_a =$ | = | max. | 250 | V |
| $W_a =$ | = | max. | 2 | W |
| $V_{g2o} =$ | = | max. | 550 | V |
| $V_{g2} (I_a = 4 \text{ mA}) =$ | = | max. | 250 | V |
| $V_{g2} (I_a = 7,2 \text{ mA}) =$ | = | max. | 150 | V |
| $V_{g2} =$ | = | max. | 0,3 | W |
| $I_k =$ | = | max. | 10 | mA |
| $V_{g1} (I_{g1} = + 0,3 \mu A) =$ | = | max. | -1,3 | V |
| $R_{g1k} =$ | = | max. | 3 | M Ω |
| $R_{fk} =$ | = | max. | 20 | k Ω |
| $V_{fk} =$ | = | max. | 150 | V |

Electrode arrangement, electrode connections and max. dimensions in mm.



