

# 7027

## A. F. BEAM PENTODE

**Base:** OCTAL

$$U_f = 6,3 \text{ V}$$

$$I_f = \text{cca } 0,9 \text{ A}$$

### Typical characteristic:

#### Class A1:

|           | <i>Singl tube</i> | <i>Push-Pull</i> |
|-----------|-------------------|------------------|
| $U_a$     | = 250 V           | 270 V            |
| $U_{g2}$  | = 250 V           | 270 V            |
| $U_{g1}$  | = -14 V           | -17,5 V          |
| $I_{a-}$  | = 72 mA           | 134 mA           |
| $I_{g2}$  | = 5 mA            | 11 mA            |
| $R_a$     | = 22,5 k $\Omega$ |                  |
| $R_{a-a}$ | = -               | 5 k $\Omega$     |
| $N$       | = 6,5 W           | 17,5 W           |

#### Limiting values:

|          | Triode  |
|----------|---------|
| $U_a$    | = 450 V |
| $U_{g2}$ | = 450 V |
| $W_a$    | = 30 W  |
|          | Pentode |
| $U_a$    | = 500 V |
| $U_{g2}$ | = 450 V |
| $W_a$    | = 30 W  |

#### Grid No 1 Circuit Resistance

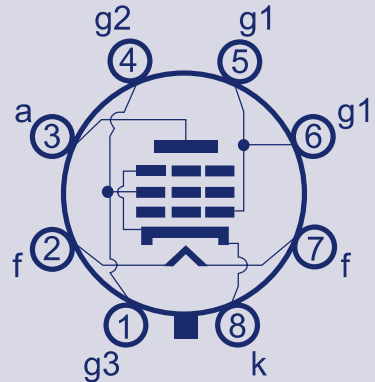
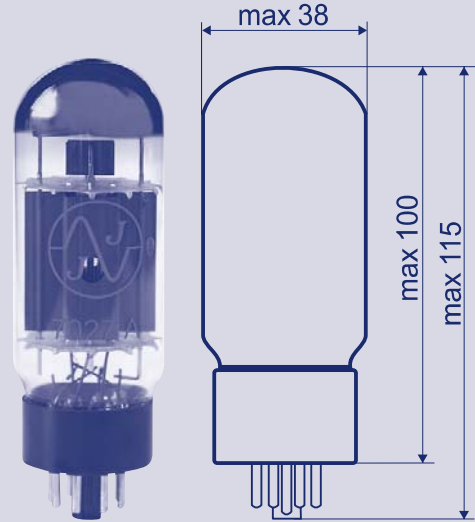
|            |        |        |
|------------|--------|--------|
| Fixed Bias | 0,1 MW | 0,1 MW |
| Self Bias  | 0,5 MW | 0,5 MW |

#### Capacitances:

|            |           |
|------------|-----------|
| $C_{g1}$   | = 12,5 pF |
| $C_a$      | = 10 pF   |
| $C_{a/g1}$ | = 3 pF    |

# NEW

### Dimension and connections:





TRANSFER CHARACTERISTICS

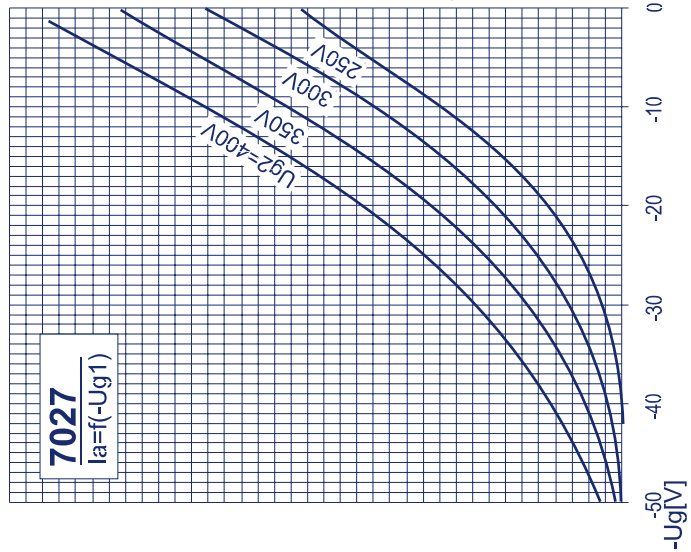


PLATE CHARACTERISTICS

