

# EL 509

## OUTPUT POWER BEAM PENTODE

Base: OCTAL

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

$$I_f = 2 \text{ A}$$

### Typical characteristic:

$$U_a = 160 \text{ V}$$

$$U_{g2} = 160 \text{ V}$$

$$U_{g1} = -30 \text{ V}$$

$$I_a = 200 \text{ mA}$$

$$I_{g2} = 10 \text{ mA}$$

### SHORT TERM MEASURING (ABOUT 3 SEC.)

$$I = \text{min } 700 \text{ mA a.c.}$$

$$U_{\text{sat}} = 30 \text{ V a.c.}$$

### Limiting values:

$$U_a = 700 \text{ V}$$

$$U_{g2} = 700 \text{ V}$$

$$W_{g2} = 9 \text{ W}$$

$$I_k = 500 \text{ mA}$$

$$U_{kf} = 150 \text{ V}$$

$$W_{a+g2} = \text{max. } 42 \text{ W}$$

### Capacitances:

$$C_{a/g1} = 3 \text{ pF}$$

## Dimension and connections:



