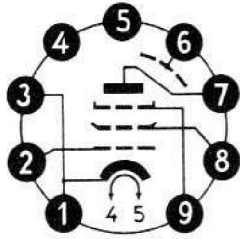


EF 80

Outline: 11



$U_f = 6.3\text{ V}$
 $I_f = 300\text{ mA}$
 $U_{fk} = 150\text{ V}$

PENTODE for use as RF, IF and video amplifying tubes or as mixing tube in TV receivers

Maximum Ratings

$U_a = 300\text{ V}$
 $N_a = 2.5\text{ W}$
 $U_{g^2} = 300\text{ V}$
 $N_{g^2} = 0.7\text{ W}$
 $I_k = 15\text{ mA}$
 $R_{g1} = 1\text{ M}\Omega$

Typical Operation

$U_a = 250\text{ V}$
 $U_{g^3} = 0\text{ V}$
 $U_{g^2} = 250\text{ V}$
 $-U_{g1} = 3.5\text{ V}$
 $I_a = 10\text{ mA}$
 $I_{g^2} = 2.8\text{ mA}$
 $S = 6.8\text{ mA/V}$
 $r_i = 0.65\text{ M}\Omega$
 $\mu_{g^2g1} = 50$

Capacitances

$C_i = 7.5\text{ pF}$
 $C_o = 3.3\text{ pF}$
 $C_{ag1} < 7\text{ mpF}$