



PSVANE

# ECC83

# 12AX7

Base:NOVAL

Limiting Values:

$U_f = 6,3/12,6V$	$U_a = 300V$
$I_f = 300/150mA$	$W_a = 1W$
	$I_k = 8mA$
Typical Characteristics:	$U_g = -50V$
$U_a = 250V$	$R_g = 2,2M\Omega$
$U_g = -2V$	$U_{k/f} = 180V$
$I_a = 1,2mA$	$R_{k/f} = 150K\Omega$
$S = 1,6mA/V$	
$R_i = 62,5k\Omega$	
$\mu = 100$	

### Capacitances:

System I.system II.

$C_{g/k} = 1,6$	$1'6$	pF
$C_a = 0,33$	$0,33$	pF
$C_{g/a} = 1,7$	$1,7$	pF

### Operating Characteristics:

Resistance-coupled amplifier cathode grid bias

$U_b = 250$	$400$	$250$	$400$	$250$	$400$	V
$R_a = 47$	$47$	$100$	$100$	$220$	$220$	k $\Omega$
$R_g = 150$	$150$	$330$	$330$	$680$	$680$	k $\Omega$
$R_k = 1,2$	$0,68$	$1,5$	$0,82$	$2,7$	$1,2$	k $\Omega$
$I_a = 1,18$	$2,45$	$0,86$	$1,72$	$0,48$	$1,02$	mA

