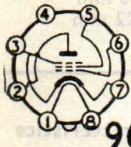


VOLTAGE AMPLIFYING PENTODES A

LIMITING VALUES

$V_{a(b)}$ max.	550	V
V_a max.	300	V
p_a max.	1	W
$V_{g2(b)}$ max.	550	V
V_{g2} max.	200	V
p_{g2} max.	0.2	W
I_k max.	6	mA
R_{g1-k} max. ($p_a > 0.2$ W)	3	M Ω
R_{g1-k} max. ($p_a < 0.2$ W)	10	M Ω
V_{h-k} max.	50	V

EF 40
(contd.)



BASE:
B8A

DIMENSIONS:
L=60 mm
D=22 mm

H.F. pentode with variable-mu characteristics

EF 41

HEATER

V_h 6.3 V I_h 0.2 A Suitable for series or parallel operation

CAPACITANCES

C_{a-g1}	<0.002	$\mu\mu\text{F}$
C_{in}	5	$\mu\mu\text{F}$
C_{out}	8	$\mu\mu\text{F}$

OPERATING CONDITIONS

As R.F. or I.F. amplifier

$V_a = V_b$	250	V
R_{g2}	82	K Ω
R_k	330	Ω
V_{g1}	-2.5	V
I_a	6.0	mA
I_{g2}	1.7	mA
g_m	2,200	$\mu\text{A/V}$
r_a	1	M Ω
μ_{g1-g2}	18	
R_{eq}	6.5	K Ω

LIMITING VALUES

$V_{a(b)}$ max.	550	V
V_a max.	300	V
p_a max.	2	W
$V_{g2(b)}$ max.	550	V
V_{g2} max. ($I_a < 3$ mA)	300	V
V_{g2} max. ($I_a = 6$ mA)	125	V

4 VALVE DATA PREFERRED TYPES

A VOLTAGE AMPLIFYING PENTODES

EF 41 (contd.)

LIMITING VALUES (contd.)



p_{g2} max.
 I_k max.
 R_{g1-k} max.
 V_{h-k} max.

0.3 W
10 mA
3 M Ω
50 V

BASE:
B8A

DIMENSIONS:

L=60 mm
D=22 mm

EF 42

High slope H.F. pentode with sharp cut-off characteristics

HEATER

V_h 6.3 V I_h 0.33 A Suitable for A.C. mains operation

CAPACITANCES

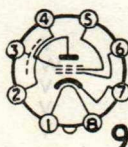
C_{a-g1} <0.005 μF
 C_{in} 9.5 μF
 C_{out} 4.5 μF

OPERATING CONDITIONS

V_a 250 V
 V_{g2} 250 V
 V_{g1} -2 V
 I_a 10 mA
 I_{g2} 2.3 mA
 g_m 9.5 mA/V
 r_a 0.44 M Ω
 V_{g3} (for I_a cut-off) -60 V
 R_{eq} 750 Ω
Input Damping (at 50 Mc/s) 5 K Ω

LIMITING VALUES

$V_{a(b)}$ max. 550 V
 V_a max. 300 V
 p_a max. 2.5 W
 $V_{g2(b)}$ max. 550 V
 V_{g2} max. 300 V
 p_{g2} max. 0.7 W
 I_k max. 13 mA



BASE:
B8A

DIMENSIONS:

L=60 mm
D=22 mm