

VALVE DATA PREFERRED TYPES **4** VOLTAGE AMPLIFYING PENTODES **A**

H.F. pentode with variable-mu characteristics

EF 39

HEATER

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

CAPACITANCES

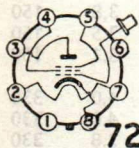
C_{a-g1}	< 0.003	$\mu\mu\text{F}$
C_{in}	5.5	$\mu\mu\text{F}$
C_{out}	7.2	$\mu\mu\text{F}$

OPERATING CONDITIONS

V_a	200	200	250	250	V
R_{g2}	68	68	82	82	K Ω
V_{g2}	100	100	100	100	V
V_{g3}	0	0	0	0	V
V_{g1}	-2.5	-39	-2.5	-49	V
I_a	6.0	—	6.0	—	mA
I_{g2}	1.7	—	1.7	—	mA
g_m	2.2	0.0055	2.2	0.0045	mA/V
r_a	0.9	> 10	1.25	> 10	M Ω
R_k	330	330	330	330	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. ($I_a = 6$ mA)	125	V
V_{g2} max. ($I_a = 3$ mA)	300	V
p_{g2} max.	0.3	W
I_k max.	10	mA



BASE:

Octal

DIMENSIONS:

L=100 mm

D=32 mm

Low microphony A.F. pentode

EF 40

HEATER

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

CAPACITANCES

C_{in}	4.0	$\mu\mu\text{F}$
C_{out}	5.5	$\mu\mu\text{F}$
C_{a-g1}	0.025	$\mu\mu\text{F}$

