

U.H.F. TRIODE

Frame-grid triode for use as grounded-grid amplifier
in Bands IV and V.

PC88

HEATER

I_h	300	mA
V_h	3.8	V

CAPACITANCES (measured with close fitting shield connected to the grid)

$C_{h+k-g+s}$	3.8	pF
C_{a-g+s}	1.7	pF
C_{a-k+h}	55	mpF

	Unshielded	
C_{a-g}	1.2	pF

CHARACTERISTICS

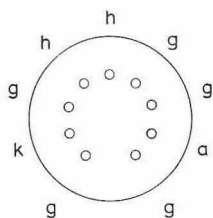
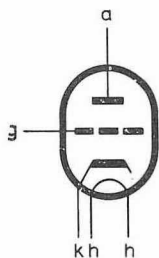
V_a	160	V
I_a	12.5	mA
V_g	-1.25	V
g_m	13.5	mA/V
r_a	4.8	k Ω
μ	65	
R_{eq}	240	Ω

OPERATING CONDITIONS

V_{a1}	160	V
R_k	100	Ω
I_a	12.5	mA
g_m	13.5	mA/V
r_a	4.8	k Ω
μ	65	
Noise factor	10	dB

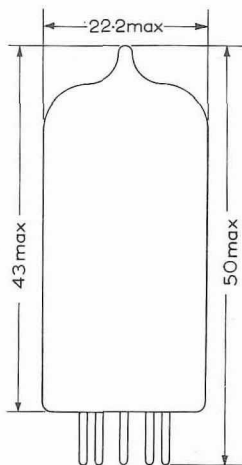
DESIGN CENTRE RATINGS

$V_{a(b)} \text{ max.}$	550	V
$V_a \text{ max.}$	175	V
$p_a \text{ max.}$	2.0	W
$I_k \text{ max.}$	13	mA
$-V_g \text{ max.}$	50	V
$R_{g-k} \text{ max.}$	1.0	M Ω
$V_{h-k} \text{ max.}$	100	V

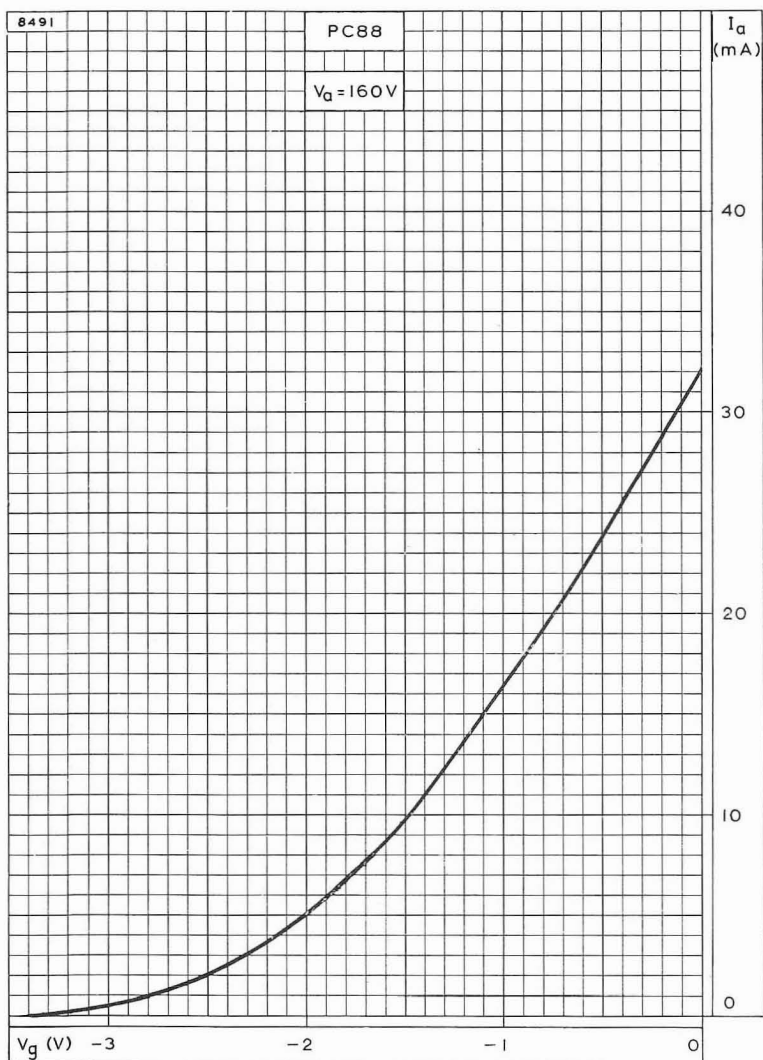


B9A Base

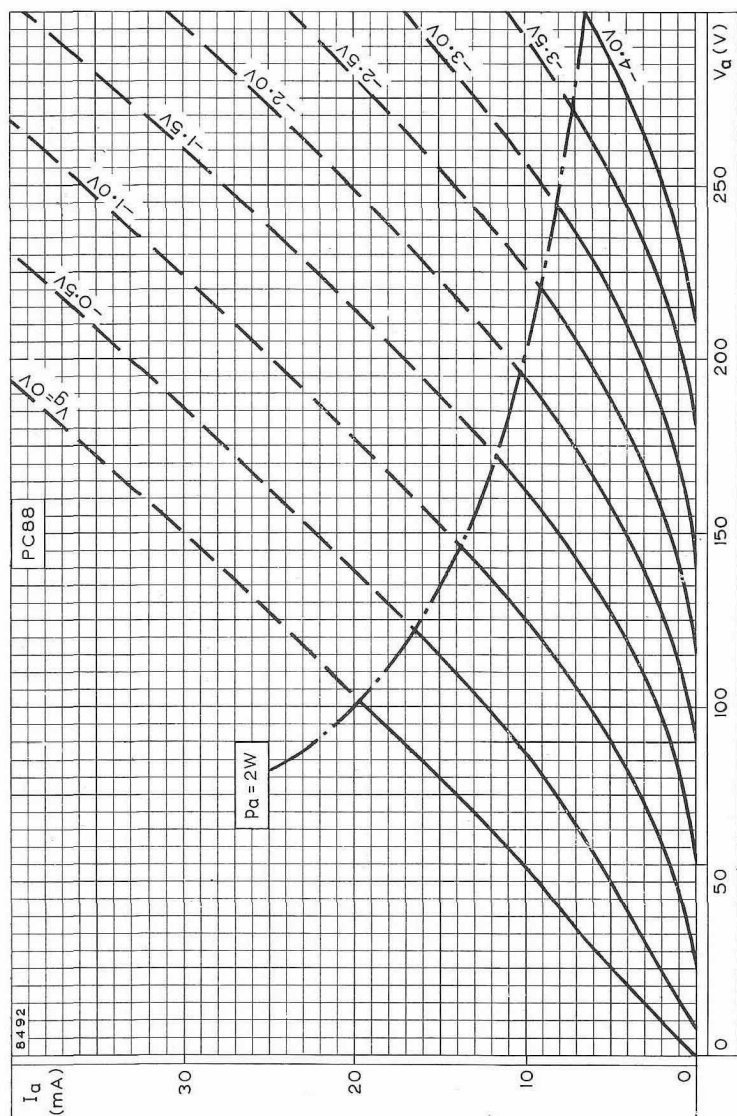
All dimensions in mm



8371



ANODE CURRENT PLOTTED AGAINST GRID VOLTAGE



ANODE CURRENT PLOTTED AGAINST ANODE VOLTAGE WITH GRID VOLTAGE AS PARAMETER