

DOUBLE DIODE TRIODE

EBC91

High gain triode for use as a.f. voltage amplifier combined with twin diodes.

HEATER

Suitable for series or parallel operation a.c. or d.c.

V_h	6.3	V
I_h	300	mA

MOUNTING POSITION

Any

CAPACITANCES (measured without an external shield)

C_{a-d-g}	0.04	pF
Triode section		
C_{a-g}	2.0	pF
C_{in}	2.2	pF
C_{out}	0.8	pF

CHARACTERISTICS

V_a	100	250	V
I_a	0.5	1.2	mA
V_g	-1.0	-2.0	V
g_m	1.25	1.6	mA/V
r_a	80	62.5	k Ω
μ	100	100	

LIMITING VALUES

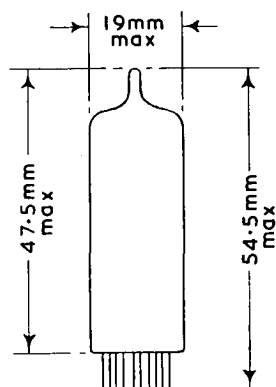
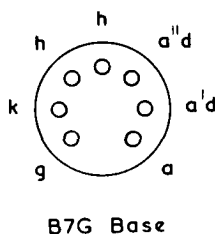
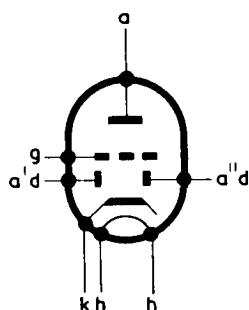
$V_{a(b)} \text{ max.}$	550	V
$V_a \text{ max.}$	300	V
$p_a \text{ max.}$	500	mW
$I_k \text{ max.}$	1.0	mA
$i_{k(pk)} \text{ max.}$	6.0	mA
$V_g \text{ max.}$	0	V
$-V_g \text{ max.}$	50	V
$V_{h-k} \text{ max.}$	100	V

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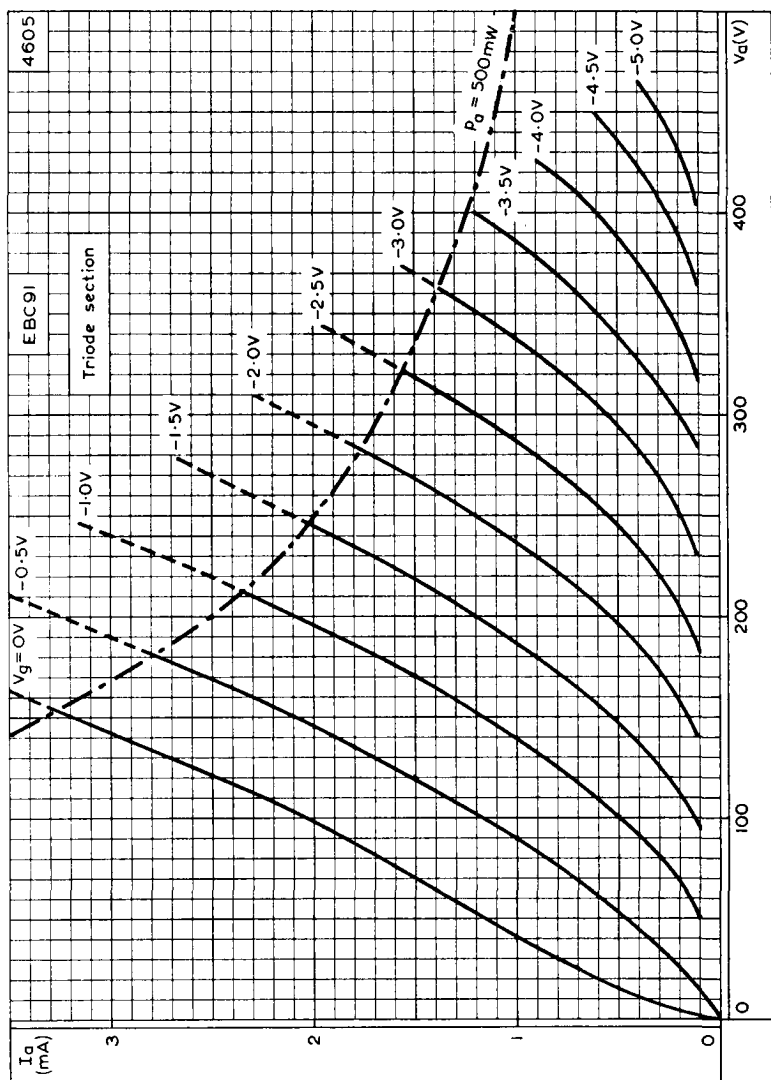
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ANODE CURRENT PLOTTED AGAINST ANODE VOLTAGE FOR TRIODE SECTION WITH GRID VOLTAGE AS PARAMETER