

HALF-WAVE RECTIFIER

UY89

Indirectly heated half-wave rectifier with 100mA heater for use in receivers which operate from 110V to 250V mains supply.

PRELIMINARY DATA

HEATER

I_h	100	mA
V_h	31	V

LIMITING VALUES

P.I.V. max.	700	V
$i_{a(pk)}$ max.	600	mA
I_{out} max.	100	mA
$V_{h-k(pk)}$ max. (cathode positive)	550	V

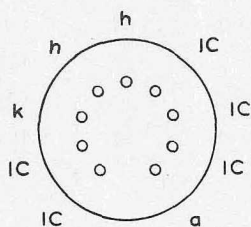
OPERATING CONDITIONS

Capacitor input

$V_{in(r.m.s.)}$ (V)	R_{jim} min. (Ω)	C (μF)	I_{out} (mA)	V_{out} (V)
110	0	50	100	113
127	0	50	100	135
220	160	50	100	188
250	210	50	100	205

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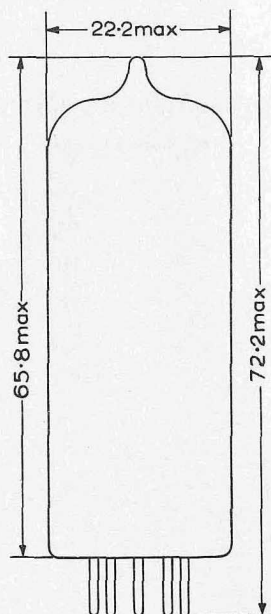
HALF-WAVE RECTIFIER

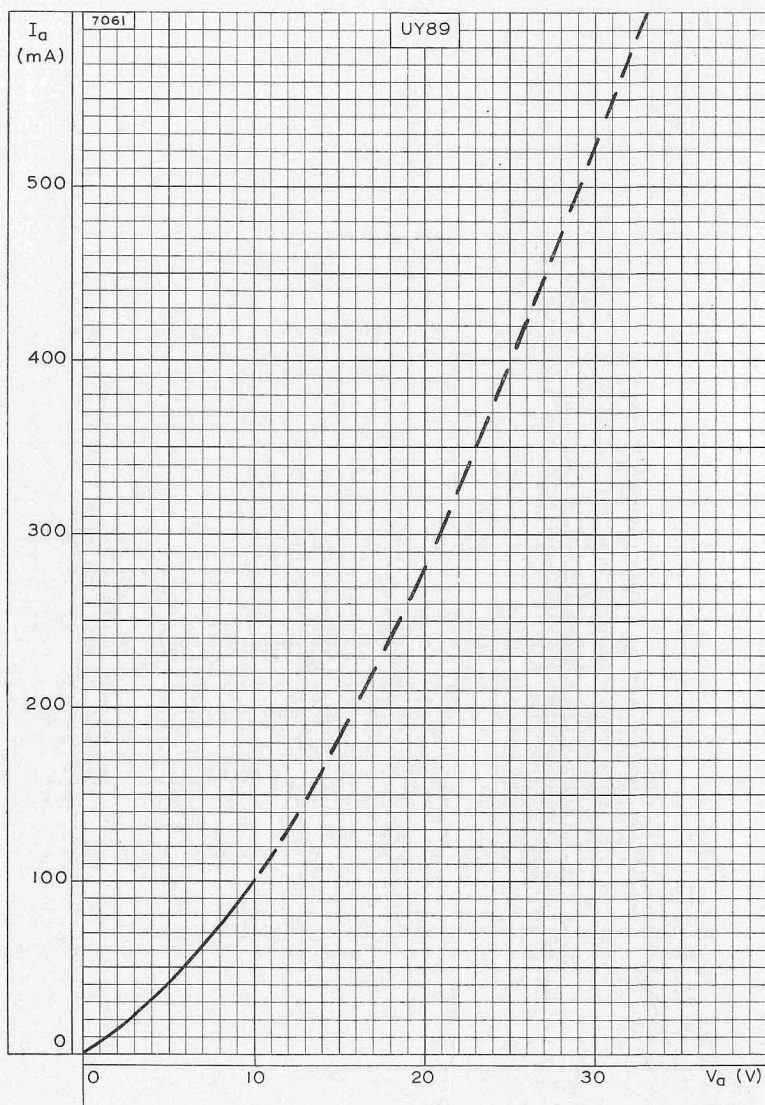


B9A Base

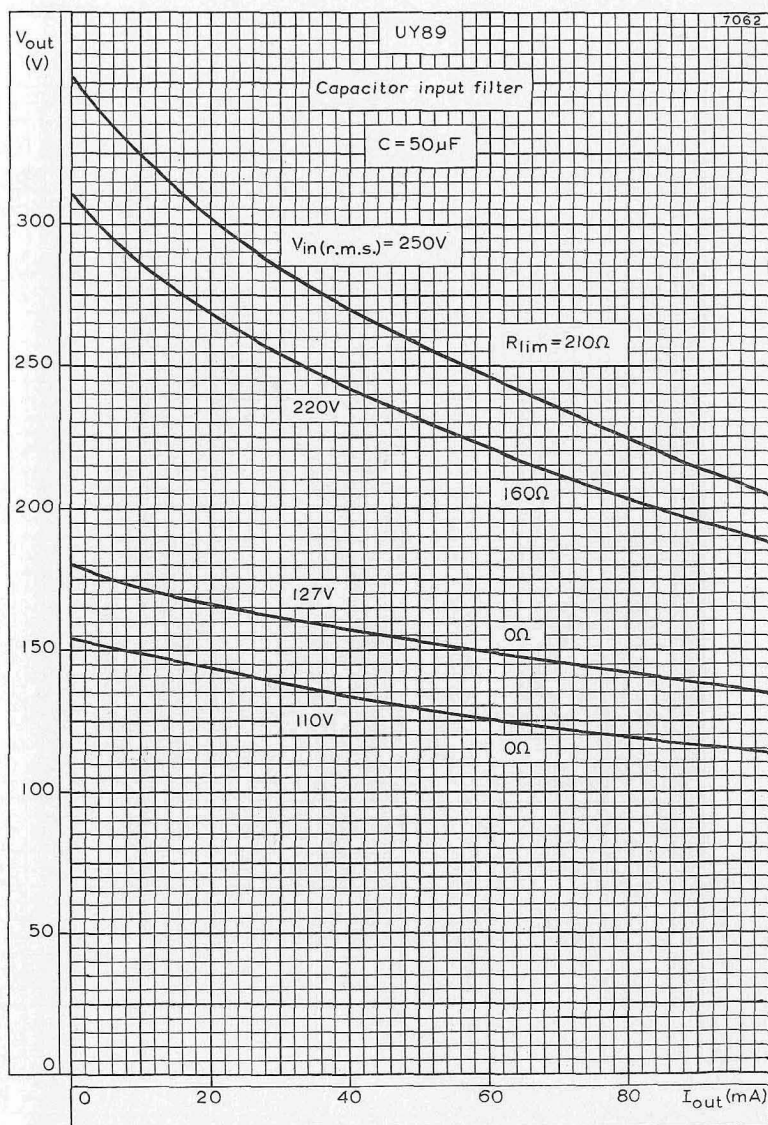
7015

All dimensions in mm





ANODE CURRENT PLOTTED AGAINST ANODE VOLTAGE



CAPACITOR INPUT FILTER REGULATION CURVES