



DOUBLE TRIODE

12.6V INDIRECTLY HEATED

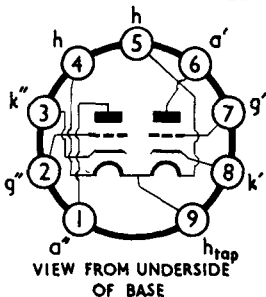
ISSUE I

PROVISIONAL
B329/12AU7

AUGUST 1955

The B329/12AU7 is a commercial equivalent of Type CV491

BASE CONNECTIONS AND VALVE DIMENSIONS



Base: B9A
Bulb: Tubular

Max. overall length: 56mm
Max. seated length: 49mm
Max. diameter: 22.2mm

HEATER

V_h	6.3	12.6	V
I_h	0.3	0.15	A

MAXIMUM RATINGS (Each section)

V_a	300	V
p_a	2.75	W
I_k	20	mA
V_{h-k}	180	V

CAPACITANCES

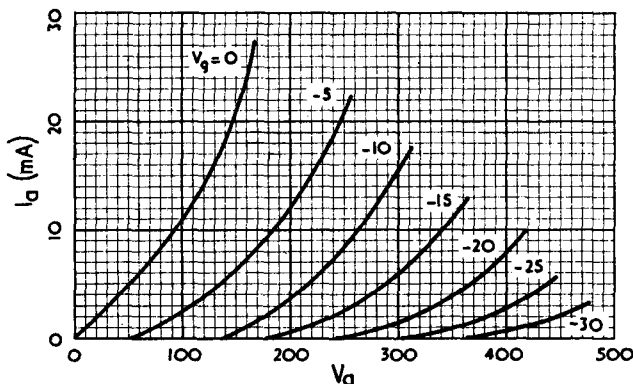
c_{a-g} (each section):	1.5pF.	$c_{a'-k'}$	0.5pF
c_{g-k} (each section):	1.6pF.	$c_{a''-k''}$	0.35pF

CHARACTERISTICS (Each section)

V_a	250	V
I_a	10.5	mA
V_g	-8.5	V
g_m	2.2	mA/V
μ	17	
r_a	7.7	k Ω

TYPICAL OPERATION

$V_{a(b)}$	250	V
R_a	100	k Ω
R_k	2.7	k Ω
V_{gain}	12	



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