



# DOUBLE TRIODE

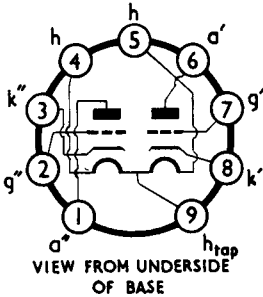
12.6V INDIRECTLY HEATED

PROVISIONAL  
**B329/12AU7**  
 AUGUST 1955

ISSUE I

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
$\mu$	17	
$r_a$	7.7	k $\Omega$

TYPICAL OPERATION

$V_a(b)$	250	V
$R_a$	100	k $\Omega$
$R_k$	2.7	k $\Omega$
$V_{gain}$	12	

