



9006

9006

U-H-F DIODE

MIDGET TYPE

Heater	Unipotential Cathode	
Voltage	6.3	a-c or d-c volts
Current	0.15	amp.
Direct Interelectrode Capacitances:*		
Plate to Cathode	1.4	$\mu\mu\text{f}$
Plate to Heater	0.2	$\mu\mu\text{f}$
Cathode to Heater	2.2	$\mu\mu\text{f}$
Maximum Overall Length		1-13/16"
Maximum Seated Height		1-9/16"
Length from Base Seat to Bulb Top (excluding tip)		1-3/16 $\pm$ 3/32"
Maximum Diameter		3/4"
Bulb		T-5-1/2
Base [▲]	Miniature Button 7-Pin	
Pin 1 - Plate	Pin 5 - Plate	
Pin 2 - Cathode	Pin 6 - No Connection	
Pin 3 - Heater	Pin 7 - Cathode	
Pin 4 - Heater		
RCA Socket	Stock No. 9914	
Mounting Position	BOTTOM VIEW (6BH)	Any
Maximum Ratings Are Design-Center Values		

RECTIFIER

Peak Inverse Plate Voltage	750 max. volts
Peak Plate Current	15 max. ma.
D-C Output Current	5 max. ma.
D-C Heater-Cathode Potential	100 max. volts
Typical Operation as Rectifier:	
A-C Plate Supply Voltage (RMS)	270 volts
Min. Total Effective Plate-Supply Impedance	100 ohms
D-C Output Current	5 ma.

● With no external shield.

The resonant frequency of the 9006 is 700 megacycles(approx).

▲ The center hole in sockets designed for this base provides for the possibility that this tube type may be manufactured with the exhaust-tube tip at the base end. For this reason, it is recommended that in equipment employing this tube type, no material be permitted to obstruct the socket hole.

*Temporary minimum length = 1-1/16".

OCT. 1, 1943

RCA VICTOR DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

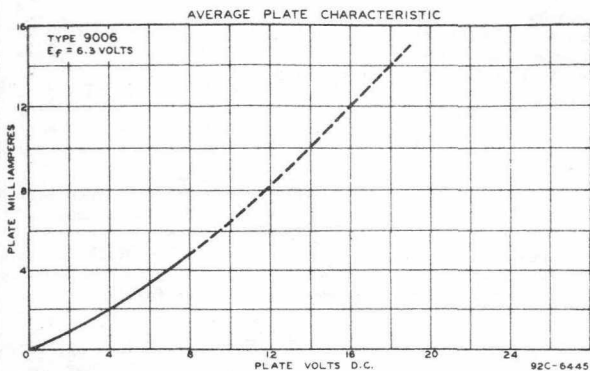
DATA

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