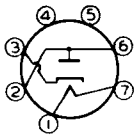
1A3

H-F DIODE

MINIATURE TYPE

Heater	Coated Unipotential Cathode	
Voltage	1.4	a-c or d-c volts
Current	0.15	amp.
Direct Interelectrode Capacitances (Approx.):°		
Plate to Cathode	0.4	μμf
Plate to Heater	0.8	μμf
Heater to Cathode	0.6	μμf
Maximum Overall Length		2-1/8"
Maximum Seated Height		1-7/8"
Length from Base Seat to Bulb Top (excluding tip)		1-1/2" ± 3/32"
Maximum Diameter		3/4"
Bulb		T-5-1/2
Base▲		Miniature Button 7-Pin
Pin 1-Heater		Pin 5 {Internal Con. / Do Not Use
Pin 2-Plate		Pin 6-Plate
Pin 3-Cathode		Pin 7-Heater
Pin 4-No Connection		
RCA Socket		Stock No.9914
Mounting Position		Any



BOTTOM VIEW ($5AP_2$)

Maximum Ratings Are Design-Center Values

RECTIFIER

Peak Inverse Plate Voltage	330 max.	volts
Peak Plate Current	5 max.	ma.
D-C Output Current	0.5 max.	ma.
D-C Heater-Cathode Potential	140 max.	volts
Typical Operation with Condenser-Input Filter:		
A-C Plate Supply Voltage (RMS)	117	volts
Filter Input Condenser	2	μf
Min. Total Effective Plate-Supply Impedance	0	ohms

The resonant frequency of the 1A3 is approximately 1000 Mc. °with no external shield.

▲ *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.*

← Indicates a change

1A3

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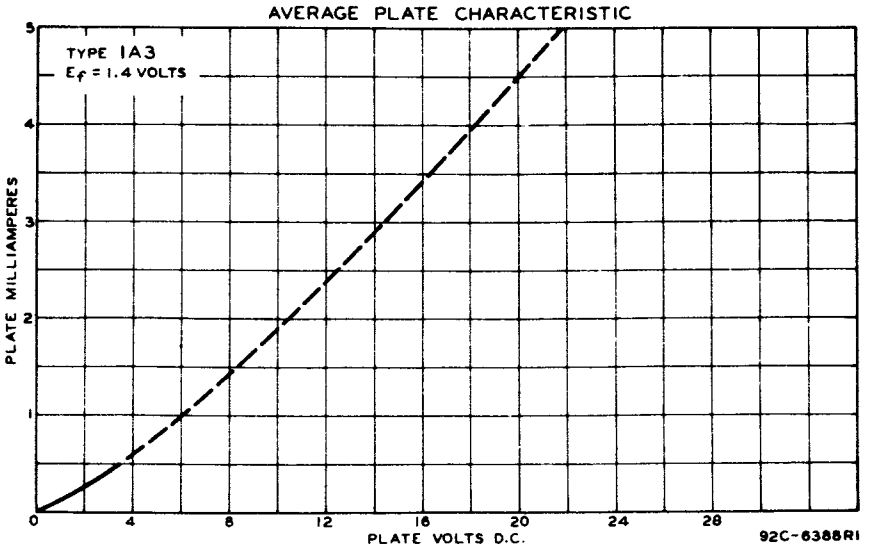

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