



IA3

# H-F DIODE

MINIATURE TYPE

IA3

Heater	Coated Unipotential Cathode	
Voltage	1.4	a-c or d-c volts
Current	0.15	amp.
Direct Interelectrode Capacitances (Approx): <sup>o</sup>		
Plate to Cathode	0.4	μpf
Plate to Heater	0.6	μpf
Heater to Cathode	0.6	μuf
Maximum Overall Length		2-1/8" ←
Maximum Seated Height		1-7/8" ←
Maximum Diameter		3/4"
Bulb		T-5-1/2
Base ▲		Miniature Button 7-Pin
Pin 1-Heater		Pin 5-No Connection
Pin 2-Plate		Pin 6-Plate
Pin 3-Cathode		Pin 7-Heater
Pin 4-No Connection		
RCA Socket		Stock No. 9914
Mounting Position	BOTTOM VIEW (5AP)	Any



Maximum Ratings Are Design-Center Values

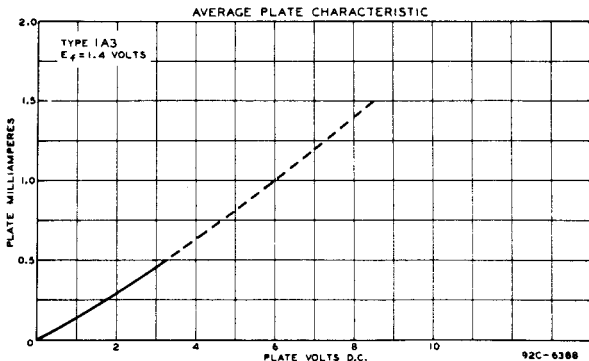
## RECTIFIER

A-C Plate Voltage (RMS)	117 max. volts
D-C Output Current	0.5 max. ma.

The resonant frequency of the IA3 is approximately 1000 Mc.

<sup>o</sup>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 inequipment employing this tube type, no material be permitted to obstruct the socket hole.



← Indicates a change.

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

TENTATIVE DATA