



80

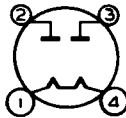
80,81



FULL-WAVE HIGH-VACUUM RECTIFIER

Filament
Voltage
Current
Maximum Overall Length
Maximum Diameter
Bulb
Base
Pin 1 - Filament
Pin 2 - Plate #2
Mounting Position

Coated
5.0
2.0



BOTTOM VIEW (4C)

a-c volts
amp.
4-11/16"
1-13/16"
ST-14
Medium 4-Pin
Pin 3 - Plate #1
Pin 4 - Filament
Vertical

Horizontal operation permitted if pins 1 and 4 are in horizontal plane.

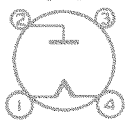
Maximum Ratings, Typical Operating Conditions, and Curves are the same as those for Type 5Y3-G.

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HALF-WAVE HIGH-VACUUM RECTIFIER

Filament
Voltage
Current
Maximum Overall Length
Maximum Diameter
Bulb
Base
Pin 1 - Filament
Pin 2 - Plate
Mounting Position

Coated
7.5
1.25



BOTTOM VIEW (4B)

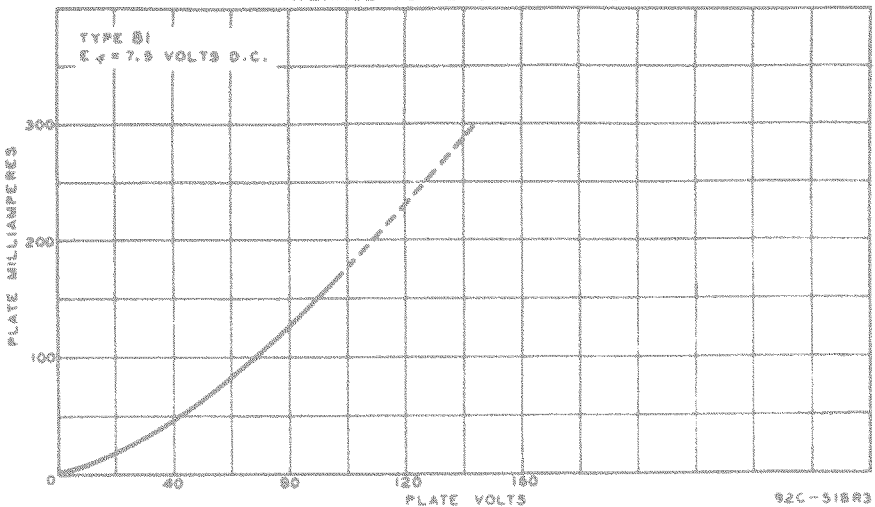
a-c volts
amp.
6-1/4"
2-7/16"
ST-19
Medium 4-Pin, Bay.
Pin 3 - No Connection
Pin 4 - Filament
Vertical

HALF-WAVE RECTIFIER

Peak Inverse Voltage 2000 max. volts
Peak Plate Current 500 max. ma.
Typical Operation with Condenser- or Choke-Input Filter:
A-C Plate Voltage (RMS) 700 max. volts
D-C Output Current 85 max. ma.

Horizontal operation permitted if pins 1 and 4 are in vertical plane.

AVERAGE PLATE CHARACTERISTIC



FEB. 2, 1940

RCA RADOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

DATA