



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
② ③
1 ④
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.*

81

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
② ③
1 ④
BOTTOM VIEW (4B)

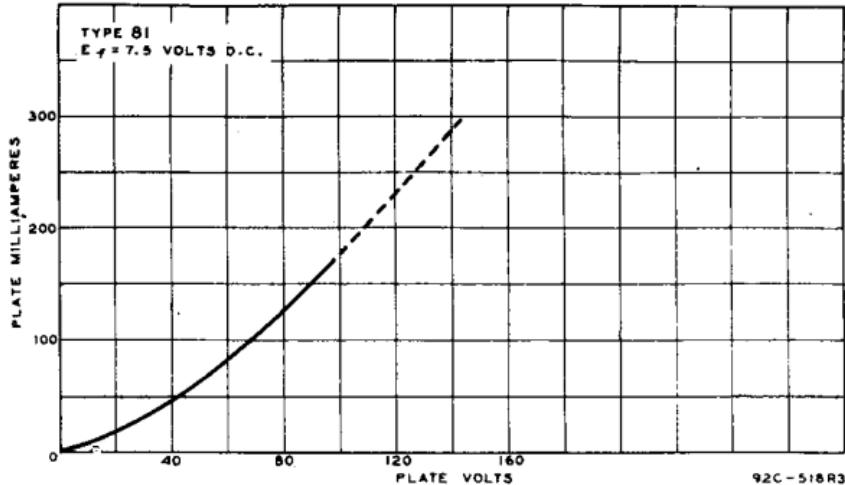
a-c volts
amp.
6-1/4"
2-7/16"
ST-19
Medium 4-Pin, Bay.
Pin 3 - No Connection
Pin 4 - Filament
Vertical ◊

HALF-WAVE RECTIFIER

Peak Inverse Voltage	2000 max. volts
Peak Plate Current	500 max. ma.
<i>Typical Operation with Condenser- or Choke-Input Filter:</i>	
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





OPERATION CHARACTERISTICS

 $E_f = 7.5$ VOLTS A.C.