HALF-WAVE HIGH-VACUUM RECTIFIER

**DATA**

**Electrical:**
Filament, Thoriated Tungsten:
Voltage: \(2.5 \pm 5\%\) volts
Current: 6 amp

**Mechanical:**
Mounting Position: Vertical
Overall Length: \(7-3/16'' \pm 1/4''\)
Maximum Diameter: \(2-1/16''\)
Bulb: T-16
Bulb Terminal: See Outline Drawing
Base: Medium Shell Super-Jumbo 4-Pin

**Maximum Ratings, Absolute Values:**
- PEAK INVERSE ANODE VOLTAGE: 20000 max. volts
- PEAK ANODE CURRENT: 270 max. ma.
- AVERAGE ANODE CURRENT: 25 max. ma.
- AMBIENT AIR TEMPERATURE: 50 max. °C
- BULB TEMPERATURE: 75 max. °C

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579-B

MAY 1, 1946

TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

TENTATIVE DATA
HALF-WAVE HIGH-VACUUM RECTIFIER

AVERAGE ANODE CHARACTERISTIC

TYPE 579-B
$E_T = 2.5$ VOLTS

IANODE MILLIAMPERES

0 100 200 300

DC ANODE VOLTS

92CS-6719
Half-Wave Vacuum Rectifier

HIGH-VOLTAGE, LOW-CURRENT TYPE

GENERAL DATA

Electrical:
Filament, Thoriated Tungsten:
Voltage (AC) .................. 2.5 ± 5% volts
Current at filament volts = 2.5 .... 6 amp

Mechanical:
Operating Position .............. Vertical, base down or up
Overall Length ................ 7-3/16" ± 1/4"
Maximum Diameter ................. 2-1/8" ←
Bulb .................................. T16
Plate Terminal . . . 0.050"-Diameter Pin Located at Top of Bulb
Base ........ Medium-Shell Super-Jumbo 4-Pin (JEDEC No.A4-16)
Basing Designation for BOTTOM VIEW ............ 70

Pin 1-No Internal Connection
Pin 2-Filament
Pin 3-Filament

HALF-WAVE RECTIFIER

Maximum Ratings, Absolute-Maximum Values:
PEAK INVERSE PLATE VOLTAGE ........ 20000 max. volts
PLATE CURRENT:
Peak .................................. 270 max. ma
Average ................................ 25 max. ma
AMBIENT TEMPERATURE ............... 50 max. °C
BULB TEMPERATURE .................. 75 max. °C

OPERATING CONSIDERATIONS

X-Radiation Warning. X radiation is produced when the 5798 is operated with a peak inverse plate voltage above 16,000 volts (Absolute-Maximum value). This radiation can constitute a health hazard unless the tube is adequately shielded for X radiation.

Indicates a change.