HALF-WAVE HIGH-VACUUM RECTIFIER

DATA

Electrical:

Filament, Thoriated Tungsten:
  Voltage ........... 5 .................... volts
  Current .......... 5.5 - 6.5 ............... amp

Direct Interelectrode Capacitance:
  Anode to Filament .. 1.4 ...................... μf

Tube Voltage Drop
  at 100 ma. ......... 200 ...................... volts

Mechanical:

Mounting Position .......... Vertical, Base Down

Overall Length ........... 7-1/2" ± 1/2"

Maximum Diameter ........ 2-5/16"

Bulb ...................... T-18

Cap. ......................... Medium

Base ....................... Medium 4-Pin, Bayonet

RECTIFIER SERVICE

Maximum Ratings, Absolute Values:

PEAK INVERSE ANODE VOLTAGE .......... 40000 max. volts
PEAK ANODE CURRENT ................. 750 max. ma.
AVERAGE ANODE CURRENT .............. 100 max. ma.

SURGE-LIMITING DIODE SERVICE

Maximum Ratings, Absolute Values:

FILAMENT VOLTAGE .............. 5.8 max. volts
PEAK FORWARD ANODE VOLTAGE ..... 12500 max. volts
AVERAGE ANODE DISSIPATION ..... 75 max. watts

Typical Operation:

Filament Voltage .............. 5.5 ..... volts
Peak Forward Anode Voltage ..... 10000 ..... volts
Minimum Peak Anode Current ..... 2 ..... amp

MAY 1, 1946
TENTATIVE DATA
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY
HALF-WAVE HIGH-VACUUM RECTIFIER

PLATE CHARACTERISTICS

E_F = 5 VOLTS

PLATE CURRENT IN MILLIAMPERES

PLATE VOLTAGE IN VOLTS

MAY 1, 1946
TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY