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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 $7\text{-}1/2'' \pm 1/2''$
 Maximum Diameter $2\text{-}5/16''$
 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:

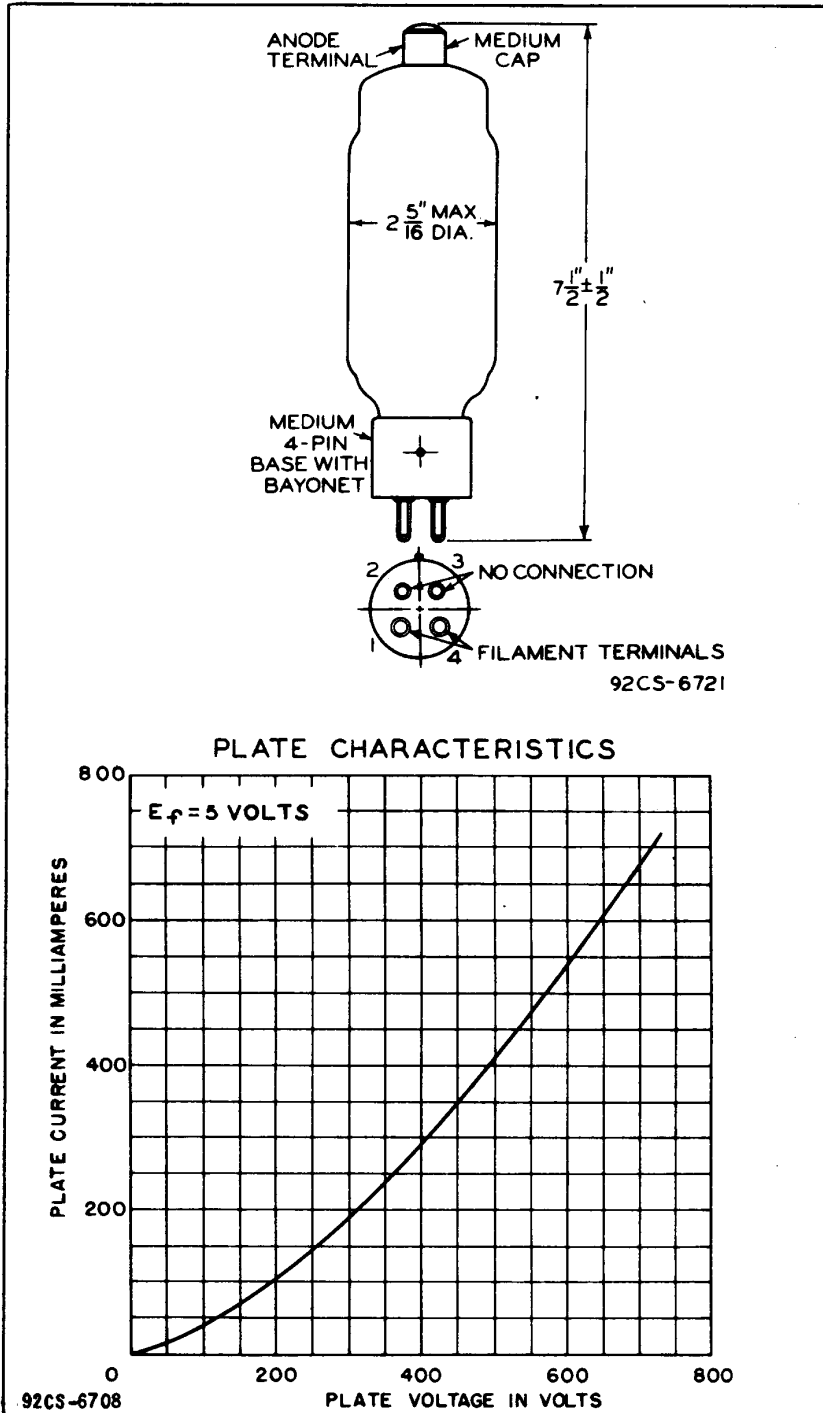
Filament Voltage 5.5 . . volts
 Peak Forward Anode Voltage 10000 . . volts
 Minimum Peak Anode Current 2 . . amp

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HALF-WAVE HIGH-VACUUM RECTIFIER



92CS-6721

92CS-6708

MAY 1, 1946

TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

CE-6721-6708