TYPE 9HP7

Focusing Method
Deflecting Method
Maximum solid deflecting angle
Phosphor
Overall Length
Greatest diameter of bulb
Min. usable screen diameter (see note 1)
Bulb Type
Base RMA designation
Bulb contact RMA designation
Basing RMA designation
Spot centering
Direct interelectrode Capacitances (Max.)
  Grid #1 to all others
  Cathode to all others

Electrical Characteristics

Ratings

Heater Voltage
Heater current
High Voltage electrode
Grid #2 (accelerating Electrode) Voltage
Grid #1 (control Electrode)
D. C. Heater Cathode Potential
Grid Circuit Resistance

Typical Conditions

High voltage electrode
Grid #2 voltage
Grid #1 voltage for cut-off
Grid #2 Current

Notes

1. Maximum diameter usable screen area 7 5/8". Beyond this diameter, the screen may be covered with an opaque coating on outside of bulb.

2. The centre of the undeflected, unfocused spot will fall within a circle of given radius concentric with the tube face.

3. Heater voltage and heater current allowable variation ± 10%.

4. With heater negative, cathode should be connected to the mid-tap or to one side of the heater supply.

5. Cut-off voltage is voltage necessary for visual extinction of stationary, focused spot.

February 15, 1944

RMA Registration No. 365

Magnetic
Magnetic
45°
40°
P7
P7
21" ± 1 5/16"
9" ± 1/8"
7 5/8"
J72J2
8 pin Octal
Medium Metal
5AN
18 mm Radius

11 mmf.
9 mmf.
NOTE 1:- MAXIMUM DIAMETER USEABLE SCREEN AREA 7 5/8" BEYOND THIS DIAMETER, THE SCREEN MAY BE COVERED WITH AN OPAQUE COATING ON OUTSIDE OF BULB.

HIGH VACUUM CATHODE RAY TUBE 9HP7

Scale 1:3