

CIRCUIT VALUES:

Grid No. 1 Circuit Resistance . . .

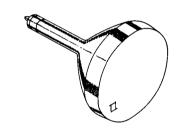
engineering data service

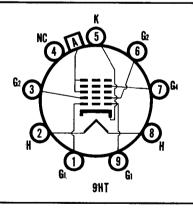
SYLVANIA

| CHARACTERISTICS | | |
|---|------------------------------|--|
| GENERAL DATA | | |
| Focusing Method Electrostatic Deflecting Method | es | |
| Types* Fluorescence Phosphorescence Persistence 5BRP4 White White Medium 5BRP7 Blue-White Yellow Long 5BRP16 Purple Very Short 5BRP19 Orange Orange Long 5BRP25 Orange Orange Long Screen | | |
| ELECTRICAL DATA | | |
| Heater Voltage | ·e | |
| Cathode to All Other Electrodes | | |
| MECHANICAL DATA | | |
| Minimum Useful Screen Diameter 4½ Inches Bulb | | |
| RATINGS | | |
| MAXIMUM RATINGS (Absolute Maximum Values) | | |
| Anode Voltage | dc dc dc | |
| Negative Bias Value | dc dc | |
| Heater Negative with Respect to Cathode | | |
| TYPICAL OPERATING CONDITIONS ⁵ | | |
| Anode Voltage | dc dc dc dc Max. | |

QUICK REFERENCE DATA

Radar Indicator (5BRP7) Monitor Tube (5BRP4) 5" Direct Viewed Round Glass Type Spherical Faceplate Aluminized Screen Magnetic Deflection **Electrostatic Focus** 7/8 Inch Neck Diameter 6.3 Volt - 300 Ma Heater Short Length Light Weight





SYLVANIA ELECTRONIC TUBES

A Division of Sylvania Electric Products Inc.

PICTURE TUBE OPERATIONS SENECA FALLS, NEW YORK

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File Under

SPECIAL AND GENERAL PURPOSE CATHODE RAY TUBES

1.5 Megohms Max.

NOTES:

- 1. A socket with a center opening to clear the tubulation must be used. Care should be exercised to avoid damage to the tubulation.
- 2. With Grid No. 1 Voltage adjusted to give an anode current of 100 µa.
- 3. Measured per Mil-E-1 specifications at an anode current of 100 µa.
- 4. With the tube shielded, the center of the undeflected, focused spot will fall within a circle of 1/4 inch radius concentric with the center of the tube face.
- 5. The P16, P19 and P25 screens can be permanently damaged if current density is permitted to rise too high. To prevent burning, minimum beam current densities should be employed.

WARNING:

X-ray radiation shielding may be necessary to protect against possible danger of personal injury from prolonged exposure at close range if this tube is operated at higher than the manufacturer's Maximum Rated Anode Voltage or 16,000 volts, whichever is less.

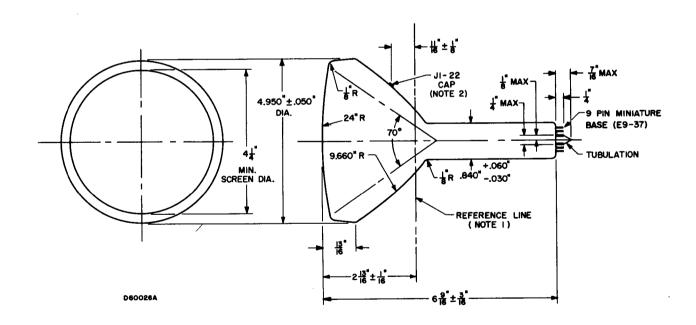


DIAGRAM NOTES:

- 1. Reference line is determined by the point where leading edge of JEDEC G-123 reference line gauge will stop.
- 2. Bulb Contact (J1-22 Cap) has radial alignment about tube axis, with mid-plane between base Pins No. 1 and No. 9, ± 10 degrees.