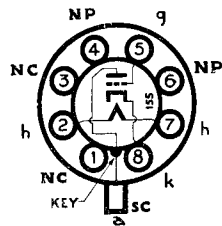


Replacement Type  
**TYPE C9B**  
(OCTAL BASE)  
**MAGNETIC TELEUBE**  
**ALUMINIZED SCREEN**



RATINGS

Heater Voltage ...	...	...	...	...	...	...	2.0 volts
Heater Current...	...	...	...	...	...	...	2.5 amps.
Anode Voltage ...	...	...	...	...	...	...	8 kV max.
Anode Voltage ...	...	...	...	...	...	...	6 kV min.
Beam Current ...	...	...	...	...	...	...	0.15 mA max.
Peak Heater to Cathode Potential ...	...	...	...	...	...	...	150 volts max.
Peak Heater to Cathode Potential* ...	...	...	...	...	...	...	250 volts max.

\* Heater Negative with respect to Cathode and only during warm-up period of 15 secs. maximum duration.

CHARACTERISTICS

Anode Voltage ...	...	...	...	...	...	...	7,000
Grid Voltage (for beam cut-off) ...	...	...	...	...	...	...	-40 to -100 volts
Peak to Peak Modulation (for max. beam current) ...	...	...	...	...	...	...	35 volts
Focusing Requirements (for coil with 1/4" gap) ...	...	...	...	...	...	...	750 amp. turns
Scanning Sensitivity (for coil of mean length 1 3/4") ...	...	...	...	...	...	...	5.0 amp. turns/cm.
Distance from centre of focus coil to grid aperture ...	...	...	...	...	...	...	1 1/4 inches

INTER-ELECTRODE CAPACITANCES

Grid to all ...	...	...	...	...	...	...	9.0 pF
Cathode to all ...	...	...	...	...	...	...	7.0 pF
Anode to external coating ...	...	...	...	...	...	...	1,500 pF min.

DIMENSIONS

Overall Length ...	...	...	...	...	...	...	415 mm. ± 7 mm.
Overall Diameter ...	...	...	...	...	...	...	230 mm. + 0, -4 mm.
Neck Diameter ...	...	...	...	...	...	...	35 mm. + 0, -1 mm.