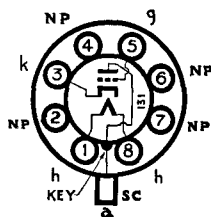


Replacement Types

# **TYPES C9A, C12A**

(BRITISH OCTAL BASE)

MAGNETIC TELETUBES



## **RATINGS**

|                  |     |     |     |     |     |              |
|------------------|-----|-----|-----|-----|-----|--------------|
| Heater Voltage   | ... | ... | ... | ... | ... | 2.0 volts    |
| Heater Current   | ... | ... | ... | ... | ... | 1.4 amp.     |
| Anode Voltage... | ... | ... | ... | ... | ... | 6.0 kV max.  |
| Beam Current     | ... | ... | ... | ... | ... | 0.15 mA max. |

## **CHARACTERISTICS**

|                                                                  | Type C9A | Type C12A |                    |
|------------------------------------------------------------------|----------|-----------|--------------------|
| Anode Voltage...                                                 | 5,000    | 5,500     | volts              |
| Grid Voltage (For Beam Current cut-off)                          | -30      | -35       | volts              |
| Average Peak to Peak Modulation (For maximum Beam Current)       | 23       | 25        | volts              |
| Focusing Requirements                                            | 700      | 700       | amp. turns         |
| Scanning Coil Sensitivity approx. (For coil length of 1.75 ins.) | 4        | 4         | amp. turns per cm. |

## **INTER-ELECTRODE CAPACITANCES**

|                                 |   |   |            |
|---------------------------------|---|---|------------|
| Grid to all other Electrodes... | 5 | 5 | pF approx  |
| Cathode to all other Electrodes | 5 | 5 | pF approx. |

## **DIMENSIONS OF TYPES C9A AND C12A**

|                          | C9A | C12A    |
|--------------------------|-----|---------|
| Maximum overall length   | 374 | 465 mm. |
| Maximum overall diameter | 228 | 312 mm. |
| Maximum neck diameter    | 35  | 35 mm.  |