



Excellence in Electronics

TYPE CK5884

The CK5884 is a subminiature space-charge grid electrometer tube employing dual control grids and dual anodes designed primarily for use in balanced circuits for the measurement of extremely low current values.

MECHANICAL DATA

ENVELOPE: T-2X3 Glass

BASE: Pinch Press (0.016" dia. tinned flexible leads.

Length: 1.5" min. *

Spacing: 0.048" center-to-center.)

TERMINAL CONNECTIONS: (Red Dot is adjacent to lead 1)

- Lead 1 Plate, Unit #2
Lead 2 Control Grid, Unit #2
Lead 3 Filament, Positive
Lead 4 Space Charge Grid
Lead 5 Plate, Unit #1
Lead 6 Filament, Negative
Top Lead Control Grid, Unit #1

MOUNTING POSITION: Any

ELECTRICAL DATA

RATINGS - ABSOLUTE MAXIMUM VALUES:

Table with 2 columns: Parameter and Value. Includes Filament Voltages (dc), Plate Voltage, Space Charge Grid Current, Cathode Current.

CHARACTERISTICS AND TYPICAL OPERATION - CLASS A1 AMPLIFIER:

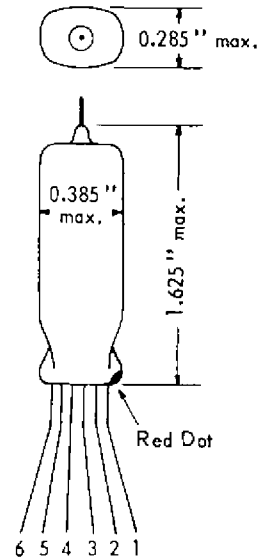
Table with 2 columns: Parameter and Value. Includes Filament Voltage (dc), Filament Current, Plate Voltage, Space-Charge Grid Current, Control Grid Voltage, Plate Current, Amplification Factor, Transconductance, Grid Current.

OPERATION:

For operation at low current levels, top grid lead should be used as input grid. Envelope should be cleaned with methyl alcohol and allowed to dry thoroughly after which care should be taken to avoid contamination of the bulb by dirt or fingerprints.

* Excepting Top Lead which is 0.375" min. from top of bulb.

These data identify a particular developmental tube design and the tube designation or the descriptive data may be subject to change or abandonment.



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Objective Data

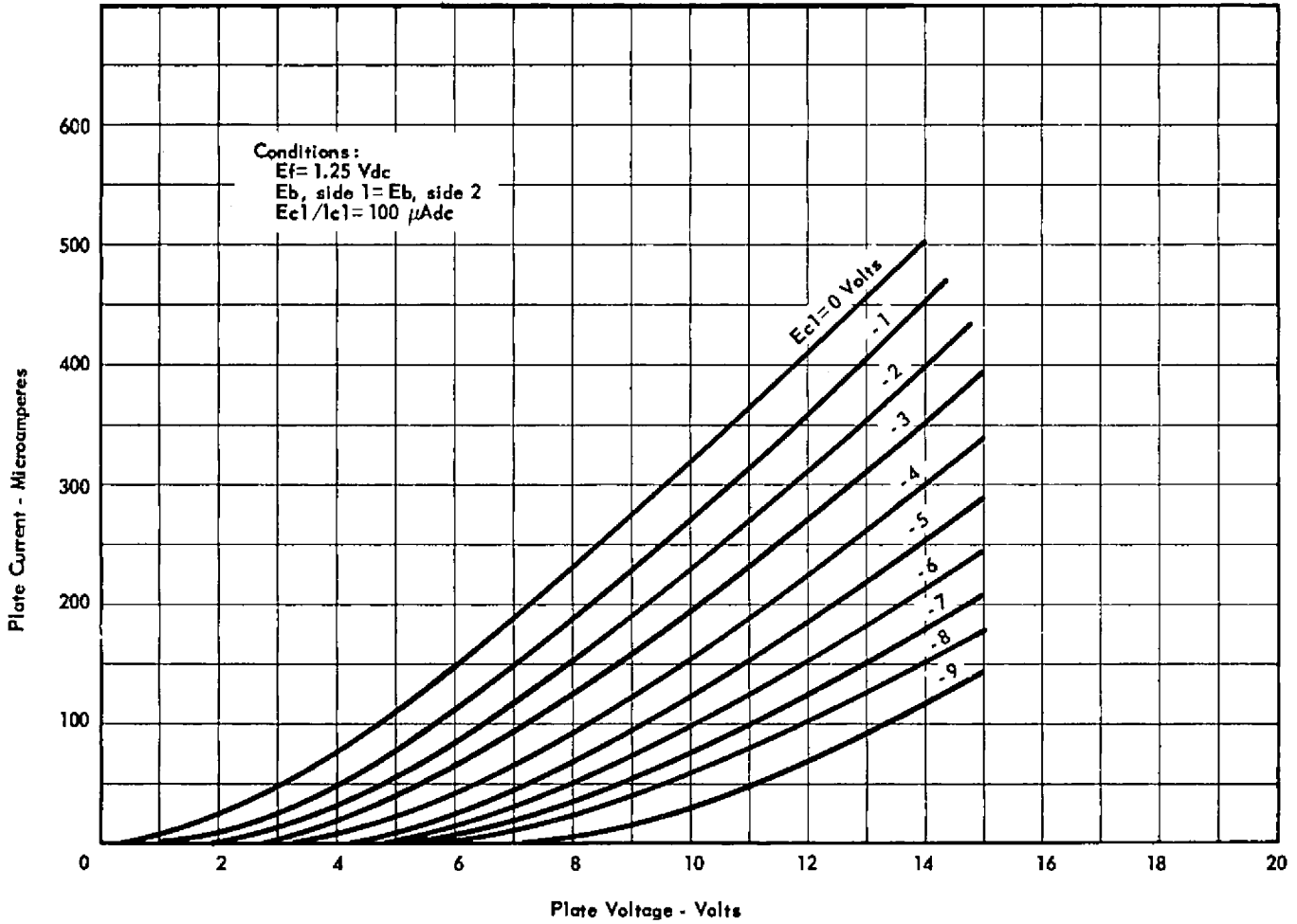
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RECEIVING AND CATHODE RAY TUBE OPERATIONS



SUBMINIATURE ELECTROMETER TUBE

AVERAGE PLATE CHARACTERISTICS



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