



Excellence in Electronics

TYPE CK1005

The CK1005 is a gas filled, full-wave rectifier with an ionic heated cathode designed to work on storage batteries with the vibrator supplying the filament power. The tube may also be used as a cold-cathode rectifier on ac/dc lines having 100 to 130 volts provided that the filament is heated to start the tube.

MECHANICAL DATA

ENVELOPE: MT-8 Metal

BASE: Small-Wafer Octal 8-Pin

TERMINAL CONNECTIONS:

- Pin 1 Shield
Pin 2 No Connection
Pin 3 Plate-Right
Pin 4 No Connection
Pin 5 Plate-Left
Pin 6 Filament
Pin 7 No Connection
Pin 8 Filament

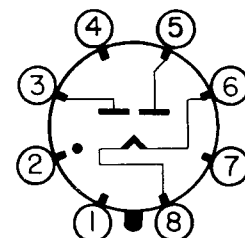
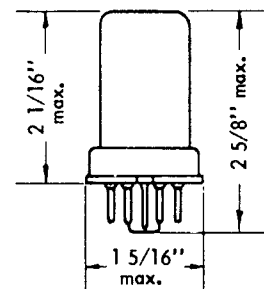
MOUNTING POSITION: Any

ELECTRICAL DATA

RATINGS - FULL-WAVE RECTIFIER - CONDENSER INPUT:

Table with 4 columns: Rating, Cond. 1 (▲), Cond. 2 (◆), and another Cond. 2 (◆). Rows include Filament Voltage, Nominal Filament Current, Maximum Peak Voltage per Plate, Maximum Peak Inverse Voltage, Average Dynamic Voltage Drop, Maximum DC Output Current, Minimum DC Output Current, Minimum Starting Peak Voltage, and Maximum Steady Peak Plate Current per plate.

- For interpretation of ratings, see RMA Standards for storage battery operation.
Cond. applies when filament is heated during operation.
Cond. 2 applies when filament is heated only for starting.
When used in full-wave vibrator operation with the filament heated from the transformer, the filament should be poled so that the end next to the corresponding plate should be in phase with the plate voltage when a center-tap is used.



BOTTOM VIEW

5AQ

Data

RAYTHEON MANUFACTURING COMPANY

RECEIVING AND CATHODE RAY TUBE OPERATIONS