

RMA Release # 308

RECTIFIER TUBE

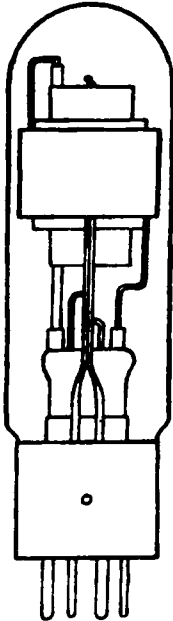
EL 1C

RMA Type 3B22

Full-wave Rectifier
Tantalum Anode and Xenon Gas Filling

D-c. Amperes Output (Max. Rated)
D-c. Meter Value-Continuous 1.0
D-c. Meter Value-Overload less than 3 sec. 1.5
Oscillograph Peak-Continuously recurring 4.0

Peak Inverse Volts (Max. Instantaneous) 725
A-c. Volts per Anode 12-250



Average Arc Drop Volts
Highest Tube 10
Average Tube 8

Filament
Volts 2.5
Amperes 6.0±0.5
Heating Time Approx. 20 secs.

Starting Volts (Instantaneous)
Highest Tube 15
Average Tube 12

Max. A-c. Short-circuit Current (0.1 sec.) 60A

Overall Dimensions 1-9/16 x 5 1/2 x 1 1/2"
Weight 2 1/2 Ozs.

Connections Standard 4-prong UX Radio Base

Ambient Temperature Limits -40 to +65°C.

It is preferable to light the filament before applying d-c. load. If omitted, each cold start consumes tube life and at anode voltages above 115V may blow the primary fuse.

The socket should be so connected that the a-c. voltage measured from each filament contact is lower to the anode contact directly opposite than to the anode contact diagonally opposite with the tube removed and some load connected. This phasing of the filament voltage relative to the anode voltage insures a lower arc drop and somewhat longer life.

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