

RECTIFIER

DESCRIPTION

The Nucor tube type 577 is a lightweight, rugged, compact, high vacuum rectifier. This tube is most suitable in applications where high inverse voltages and ambient temperatures preclude the use of mercury vapor and gas filled rectifier tubes. These characteristics make the Nucor tube type 577 particularly useful in airborne equipment. This tube is a miniaturized version of the 371B and may be directly electrically substituted.

SPECIFICATIONS

ELECTRICAL

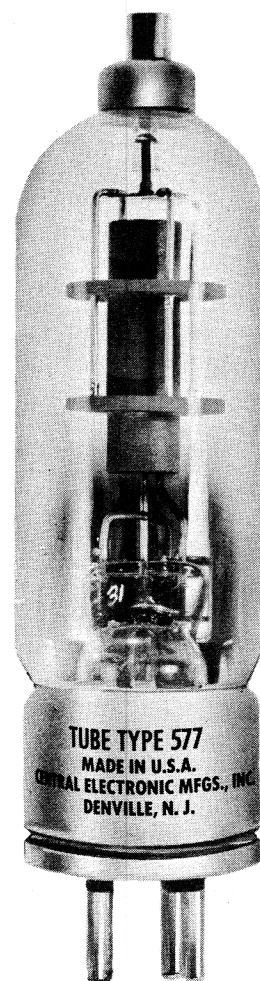
Filament Thoriated tungsten
Filament voltage 5.0 volts ac
Filament current 10.3 amperes
Peak inverse voltage 25,000 volts max.
Peak anode current 1.5 amperes max.
Average anode current 0.300 ampere

PHYSICAL

Overall length 7.5 inches max.
Overall diameter 2.06 inches max.
Bulb T-16
Cap Small metal (C1-1) with ceramic insulator
Base Industrial 412 with metal shell
Weight 5 ounces
Type of cooling Radiation (air)

OPERATING NOTES

Mount the Nucor tube type 577 tube vertically with adequate air space for ventilation. Anode temperature should not exceed 800°C. The base fits a standard 4 pin super jumbo wafer socket.



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RECTIFIER

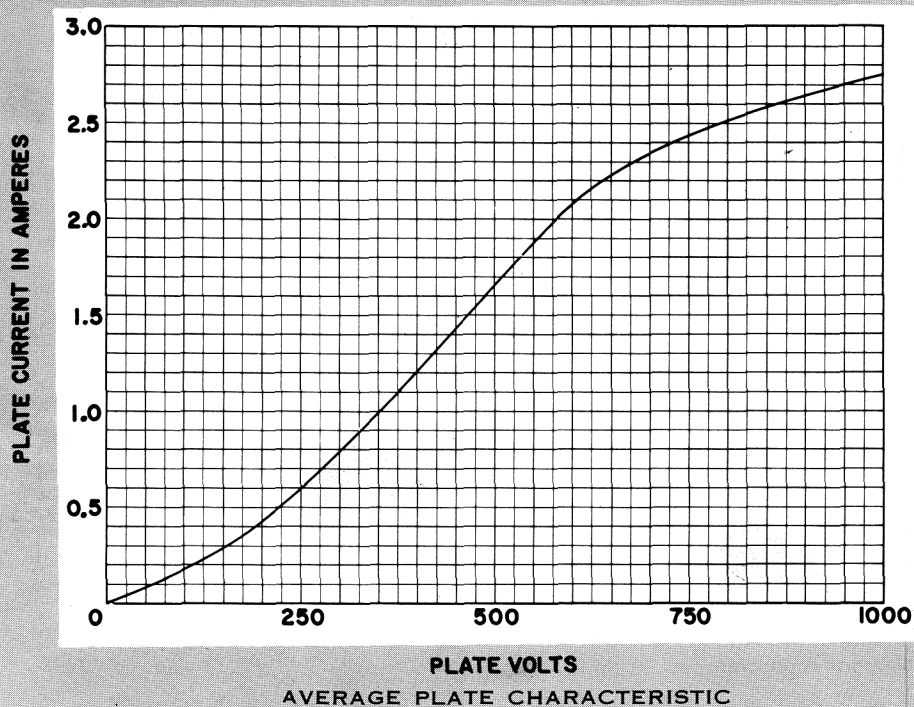
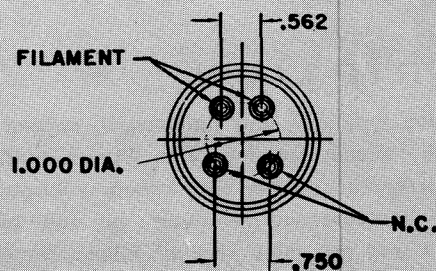
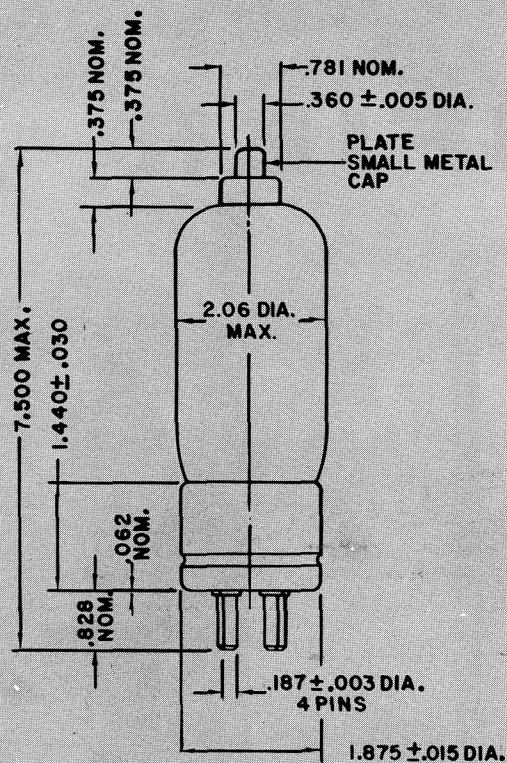
TYPE
577

CENTRAL ELECTRONIC

MANUFACTURERS

DENVILLE, NEW JERSEY

SUBSIDIARY OF NUCLEAR CORPORATION OF AMERICA



DIVISION OF NUCLEAR CORPORATION OF AMERICA