RECTIFIER

DESCRIPTION

The Nucor type 593 is a rugged, lightweight, miniaturized high vacuum rectifier. This tube can withstand inverse voltages and operate at ambient temperatures at which similar gas or mercury vapor tubes would not be suitable. The tube can be electrically substituted for the much larger 371B. The long base pins on the Nucor 593 insure adequate electrical contact.

SPECIFICATIONS

ELECTRICAL

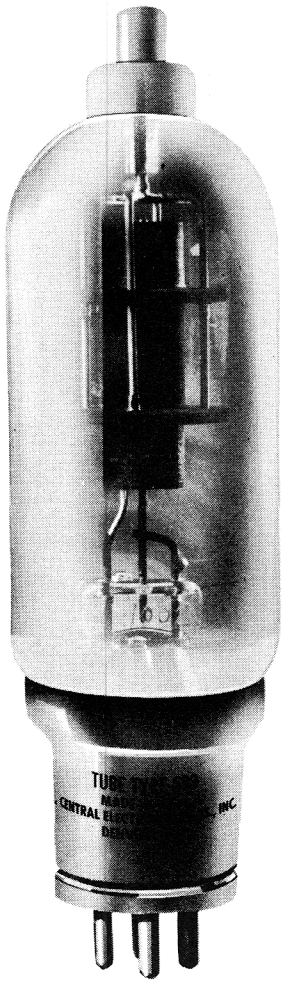
Filament	Thoriated tungsten
Filament voltage	5.0 volts ac
Filament current	10.3 amperes
Peak inverse voltage	25,000 volts max.
Peak anode current	1.5 amperes max.
Average anode current	0.300 ampere

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	Medium, skirted, 4 pin, bayonet base
Weight	4¾ ounces
Type of cooling	Radiation (air)

OPERATING NOTES

Mount the Nucor tube type 593 vertically with adequate air space for ventilation. Anode temperature should not exceed 800°C. The base fits a standard 4 pin medium socket.



NUCOR RECTIFIER

TYPE **593**

CENTRAL ELECTRONIC

MANUFACTURERS

DENVILLE, NEW JERSEY

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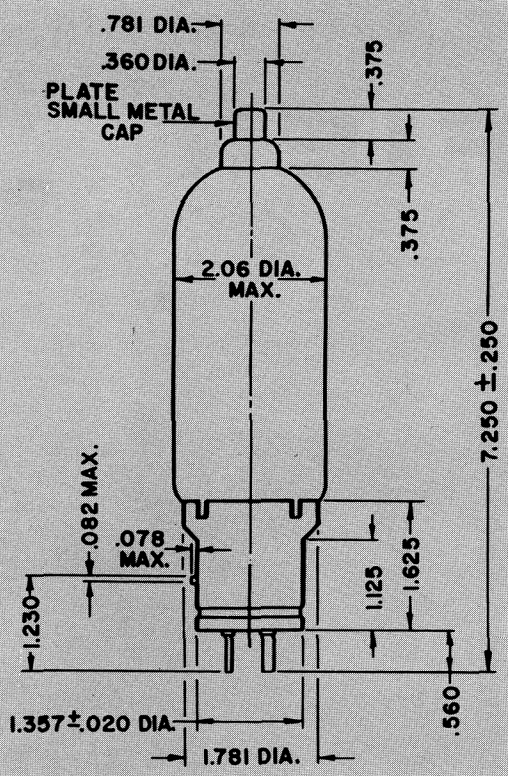

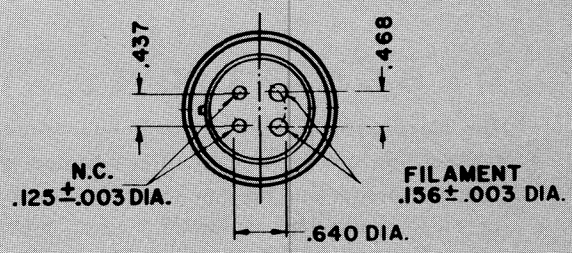

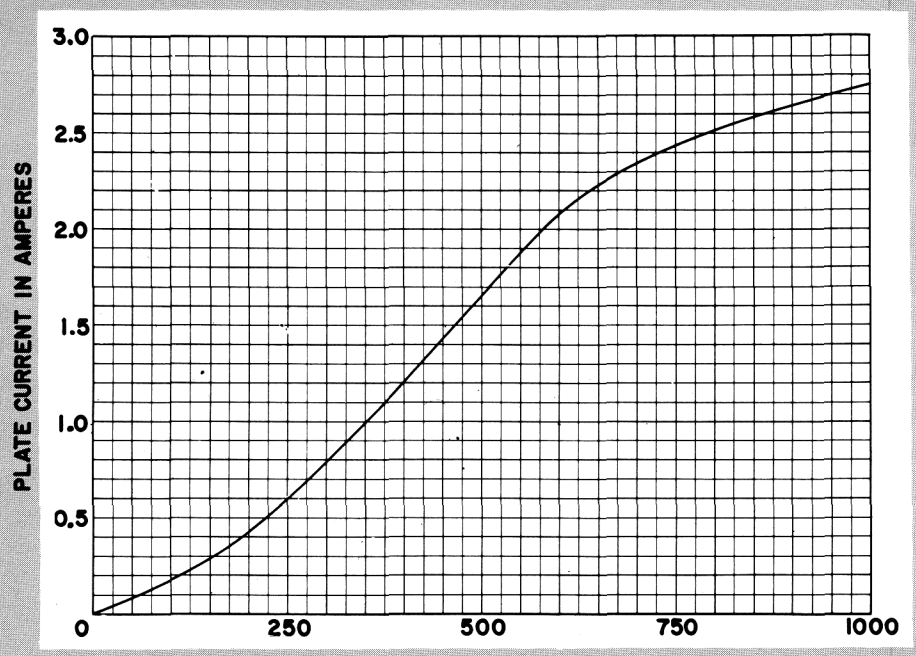

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