

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

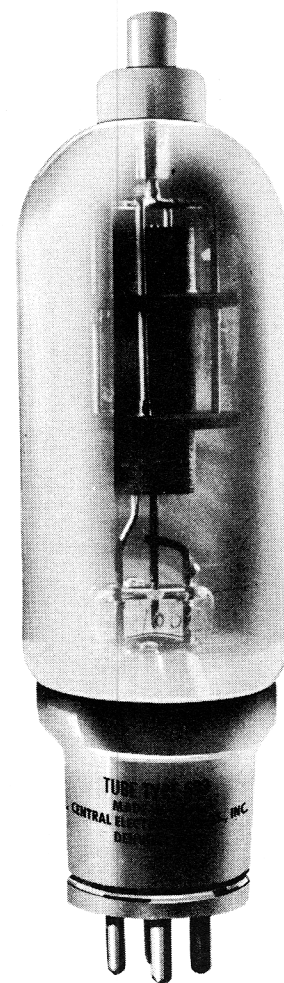
Filament Thoriated tungsten
Filament voltage 5.0 volts ac
Filament current 10.3 amperes
Peak inverse voltage 25,000 volts max.
Peak anode current 1.5 amperes max.
Average anode current 0.300 ampere

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.



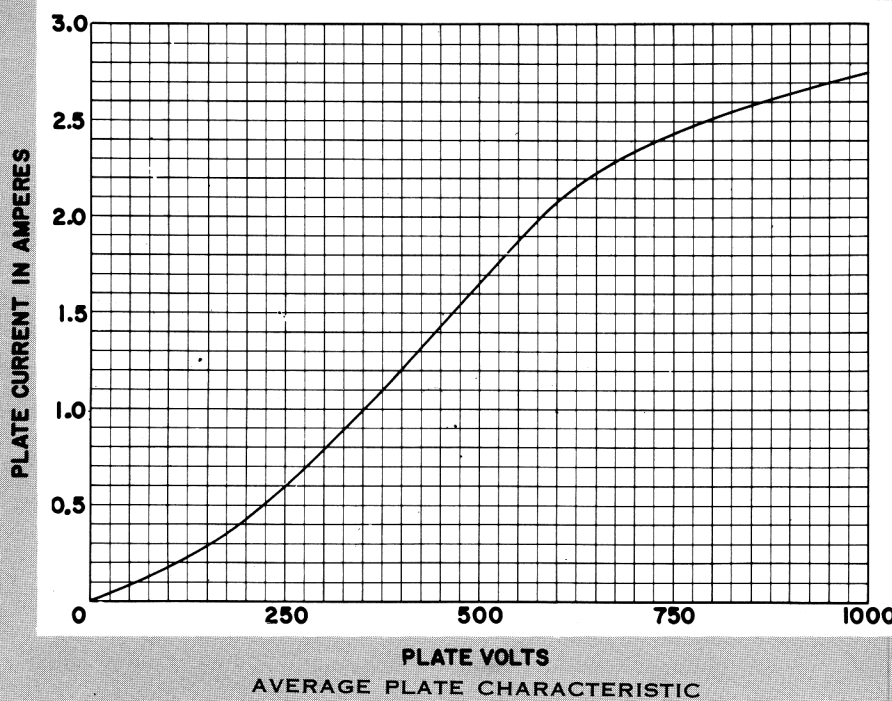
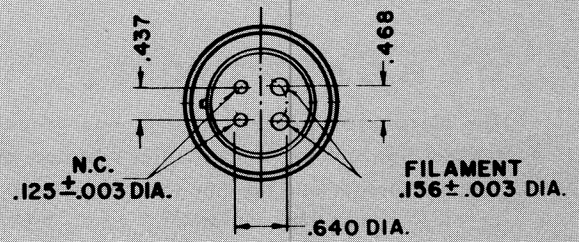
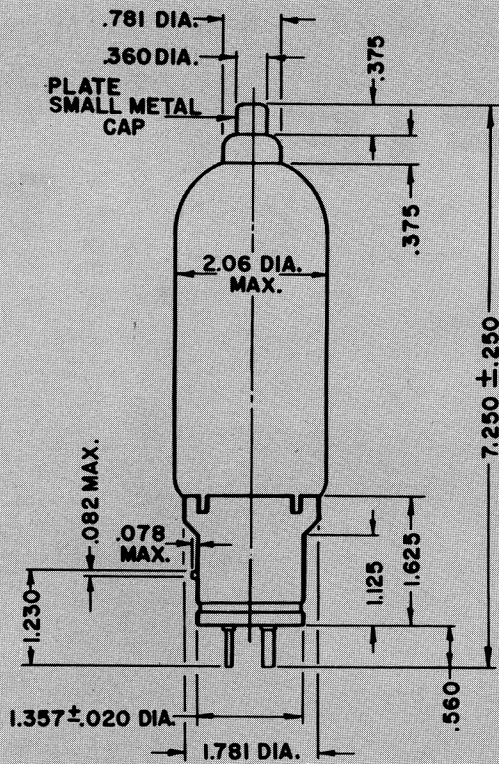
NUCOR
RECTIFIER

TYPE
593

CENTRAL ELECTRONIC MANUFACTURERS

DENVILLE, NEW JERSEY

SUBSIDIARY OF NUCLEAR CORPORATION OF AMERICA



DIVISION OF NUCLEAR CORPORATION OF AMERICA