

# CENTRAL ELECTRONIC

## MANUFACTURERS, INCORPORATED

DENVILLE, NEW JERSEY

CENTRAL  
RECTIFIER  
TYPE  
576A

# RECTIFIER AND CLIPPER DIODE

## DESCRIPTION

The Central Tube type 576A is a 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 rectifiers or clipper diodes. The Central 576A is mechanically and electrically interchangeable with its earlier version (tube type 576) and offers greater ruggedness in the anode supporting structure.

## SPECIFICATIONS

### ELECTRICAL

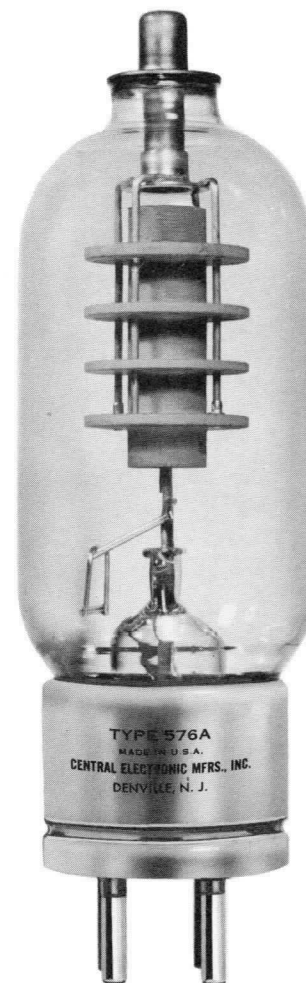
|                                   |                    |         |
|-----------------------------------|--------------------|---------|
| Filament .....                    | Thoriated Tungsten |         |
|                                   | Rectifier          | Clipper |
|                                   | Service            | Service |
| Filament voltage (volts a.c.)     | 5.0                | 5.4     |
| Filament current (amps.)          | 14.0               | 15.0    |
| Peak inverse voltage (volts max.) | 25,000             | 25,000  |
| Peak anode current (amps. max.)   | 2.5                | 12.0    |
| Average anode current (amps.)     | 0.500              | —       |
| R.M.S. Anode current (amps.)      | —                  | 0.800   |

### PHYSICAL

|                        |                                 |
|------------------------|---------------------------------|
| Overall length .....   | 7.5 inches max.                 |
| Overall diameter ..... | 2 $\frac{5}{16}$ inches max.    |
| Bulb .....             | T-18                            |
| Cap .....              | Integral KOVAR cap              |
| Base .....             | Industrial 412 with metal shell |
| Weight .....           | 5.7 ounces                      |
| Type of cooling .....  | Radiation (air)                 |

### OPERATING NOTES

Mount the Central tube type 576A 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.



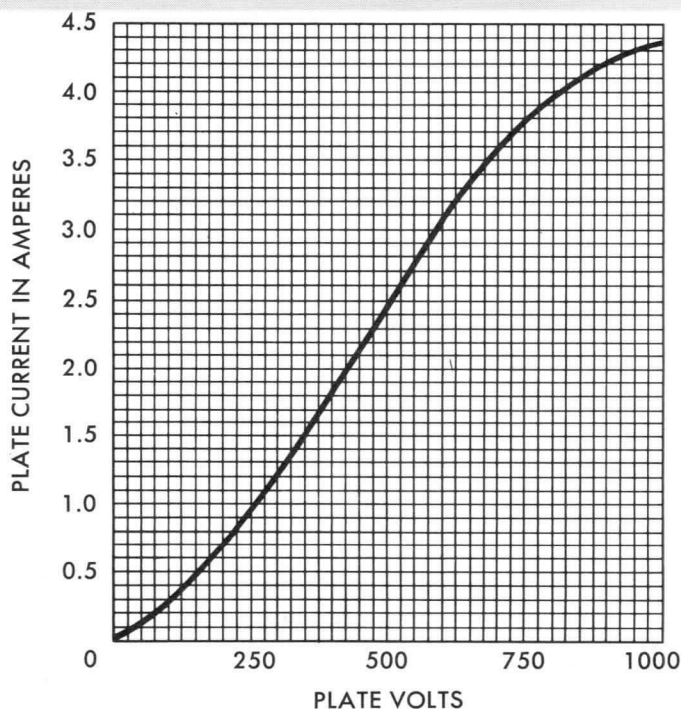
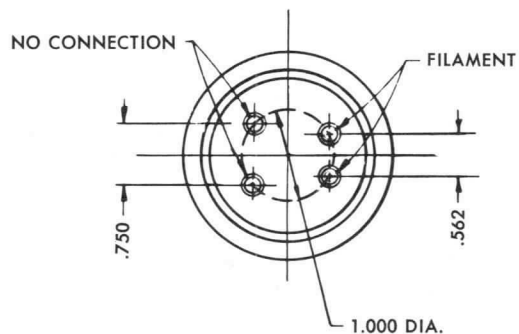
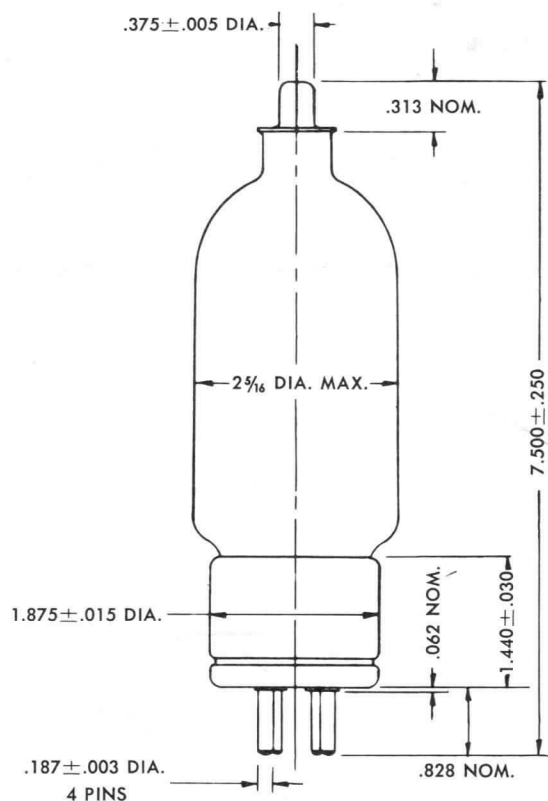
MANUFACTURERS OF HERMETICALLY SEALED EVACUATED DEVICES, HIGH VACUUM ELECTRONIC EQUIPMENT AND SYSTEMS

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AVERAGE PLATE CHARACTERISTICS

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