HIGH VACUUM DIODE

DESCRIPTION
The Central 561 was designed for rectifier and clipper diode applications. It is a rugged, high vacuum diode with high emission capabilities, desirable where high inverse voltages and ambient temperatures preclude the use of gas filled or mercury vapor tubes.

SPECIFICATIONS

PHYSICAL
Length (max.) .................. 9⅝ inches
Diameter (max.) ............. 3⅛ inches
Cap. ................... 566 inches dia.
Base . A4-18 Super Jumbo 4 Pin Bayonet
Mounting Position . Vertical, Base Down
Weight .................. 10 Ounces
Type of Cooling .......... Radiation

NOTE: Maximum anode temperature 800°C—Anode dissipation 450 watts.

ELECTRICAL
Filament ............ Bonded Thoria Tungsten
Filament Voltage .......... 11.5 Volts
Filament Current......... 15.25 Amperes
Filament Starting Surge Current ........ 98 Amperes
Filament Cold Resistance . 053 ohm

ELECTRICAL (RECTIFIER)
Filament Voltage .......... 11.5 Volts
Filament Current .......... 15.25 Amperes
Peak Inverse Voltage (max.) . 33 Kilovolts
Average Anode Current .......... 0.86 Amperes

ELECTRICAL (CLIPPER)
Filament Voltage .......... 11.5 Volts
Filament Current .......... 15.25 Amperes
Peak Inverse Voltage (max.) . 33 Kilovolts
Peak Anode Current (max.) ... 50 Amperes
RMS Anode Current .......... 1.25 Amperes
WARNING FOR POSSIBLE X-RAY GENERATION