HIGH-VACUUM RECTIFIER-DOUBLER

Heater Coated Unipotential Cathodes
Voltage 25 a-c or d-c volts
Current 0.3 amp.

Maximum Overall Length 4-3/16"
Maximum Seated Height 3-9/16"
Maximum Diameter 1-9/16"

Bulb ST-12

Base Small 6-Pin

Pin 1—Heater
Pin 2—Plate #2
Pin 3—Cathode #2
Mounting Position BOTTOM VIEW (6E)

Pin 4—Cathode #1
Pin 5—Plate #1
Pin 6—Heater

Any

RECTIFIER

Peak Inverse Voltage 700 max. volts
Peak Plate Current per Plate 450 max. ma.
D-C Heater-Cathode Potential 350 max. volts

Operation as Half-Wave Rectifier with Condenser-Input Filter:
A-C Plate Volt. per Plate (RMS) 150 235 max. volts
Total Effective Plate-Supply Impedance per Plate 0 0 ohms
D-C Output Current per Plate 75 max. 75 max. ma.

* In half-wave rectifier service, the two units may be used separately or in parallel.
▲ When a filter-input condenser larger than 40 μf is used, it may be necessary to use more plate-supply impedance than the minimum value shown to limit the peak plate current to the rated value.

The curve under type 25S also applies to the 25Y5.