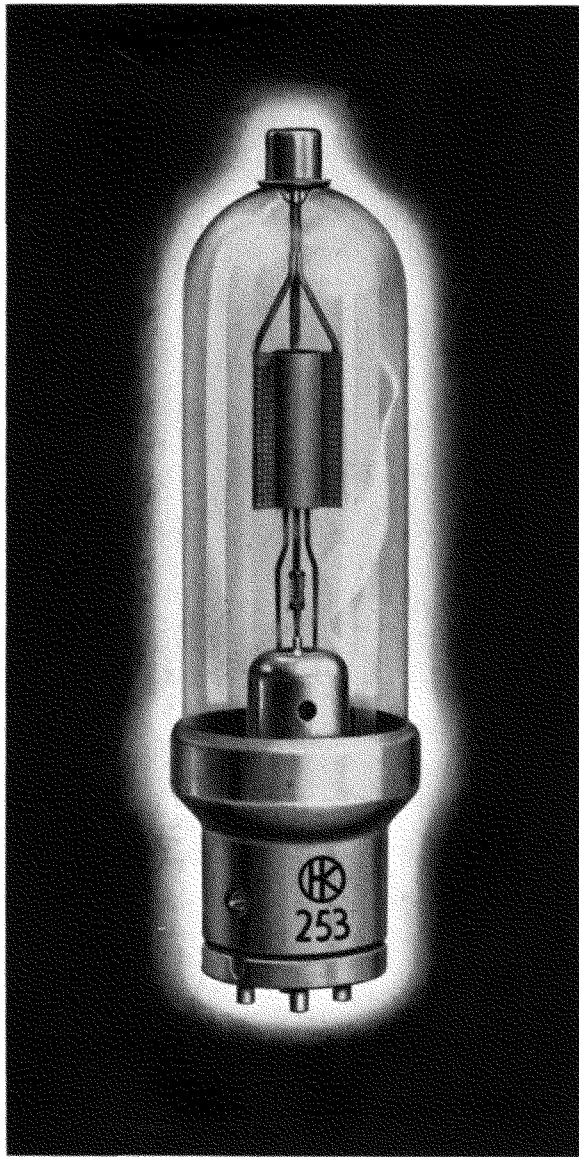


GAMMATRON TYPE 253



HIGH-VACUUM HALF-WAVE RECTIFIER

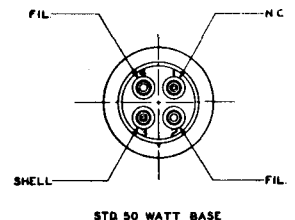
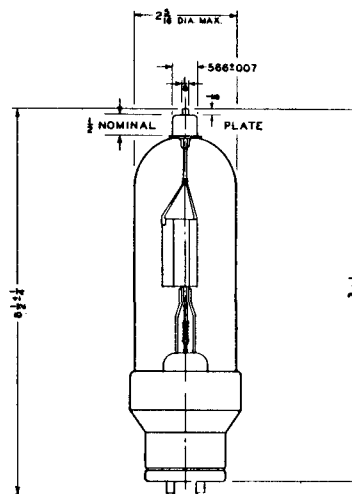
PHYSICAL DATA

Plate	Tantalum
Filament	Thoriated Tungsten
Blank	Nonex Glass
Base	Standard Fifty Watt
Net Weight	9 Ounces
Shipping Weight	4 Pounds
Max. Height	8 $\frac{3}{4}$ Inches
Max. Diameter	2 $\frac{1}{2}$ Inches

ELECTRICAL DATA

Filament Voltage	5.0 Volts
Filament Current	10 Amps.
Max. Peak Inverse Voltage	15,000 Volts
Max. Peak Plate Current	3.0 Amps.
Max. Average Plate Current	.35 Amps.

The 253 GAMMATRON is a half-wave high-vacuum rectifier with a thoriated tungsten filament. It has excellent voltage regulation because of close filament to plate spacing. It will stand high inverse plate voltages because of its superior vacuum. No time delay is necessary since the thoriated tungsten filament is ready for operation immediately after application of voltage. The starting characteristics of the 253 are not affected by extreme cold nor is the inverse voltage rating reduced by excessive temperatures as is the case with mercury vapor rectifiers.



TYPE 253 GAMMATRON

AVERAGE STATIC
CHARACTERISTIC

$E_f = 5.0$ volts

