

Type 5859
X-Ray Rectifier Tube

GENERAL CHARACTERISTICSElectrical

Filament Potential

10.0 to 11.5 Volts

Filament Current

11.3 to 12.8 Amperes

Mechanical

Outline Drawing Number

60132

Type of Cooling

Oil immersed

Mounting Position

Any

MAXIMUM RATINGS*Continuous Duty

Maximum Continuous Rating

100 Ma

Maximum Inverse Voltage Across Tube

140 KVP

Intermittent Rating with AutomaticFilament Boost

Maximum Intermittent Rating

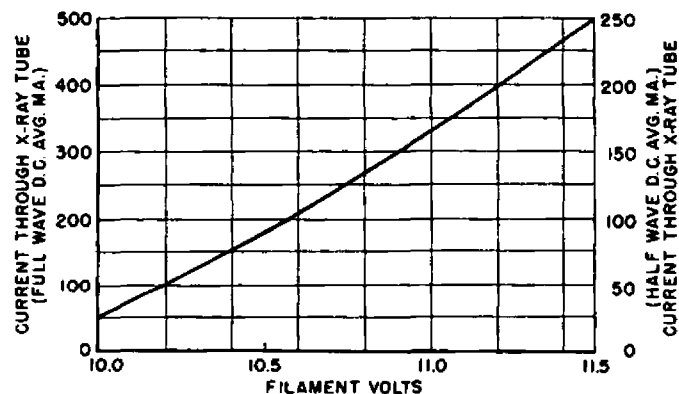
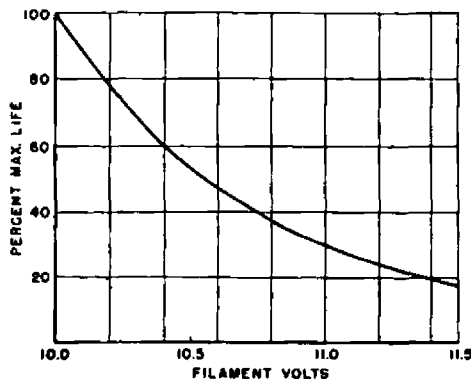
500 Ma

Maximum Intermittent Inverse Voltage
Across Tube

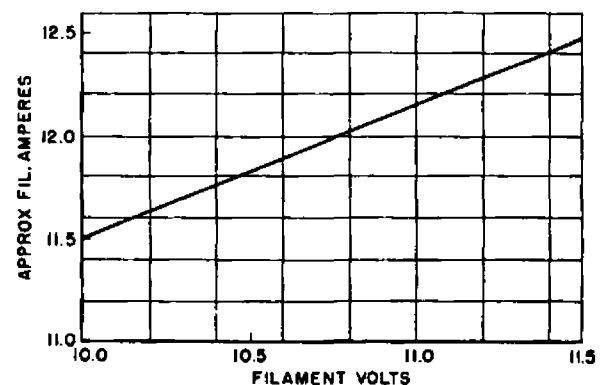
125 KVP

*These ratings apply to full-wave circuits only and refer to the milliamperes as read on a d.c. average milliammeter in series with the x-ray tubes.

Filament Voltage Adjustment Chart

Relative Filament Life
as Function of Filament Volts

Filament Characteristics



January 6, 1950

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