

Type 5859
X-Ray Rectifier Tube

GENERAL CHARACTERISTICS

Electrical

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

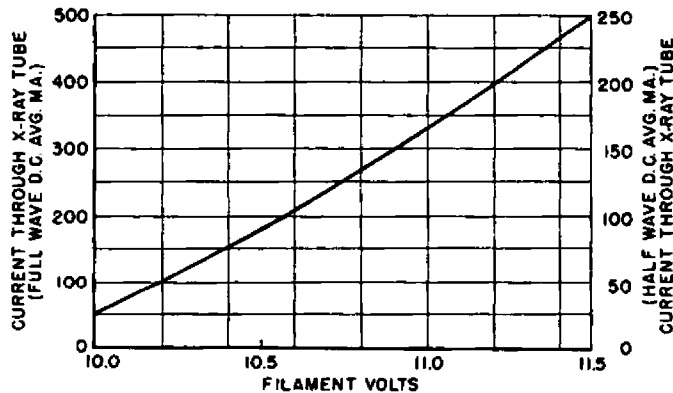
Intermittent Rating with Automatic

Filament Boost

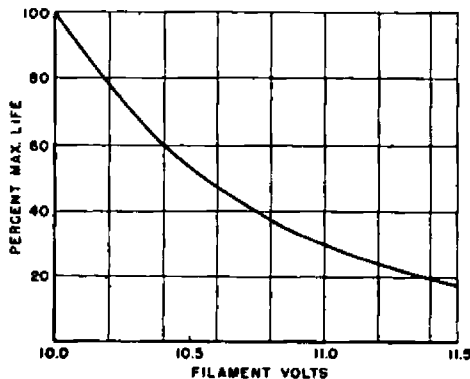
Maximum Intermittent Rating	500	Ma
Maximum Intermittent Inverse Voltage Across Tube	125	KVP

*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.

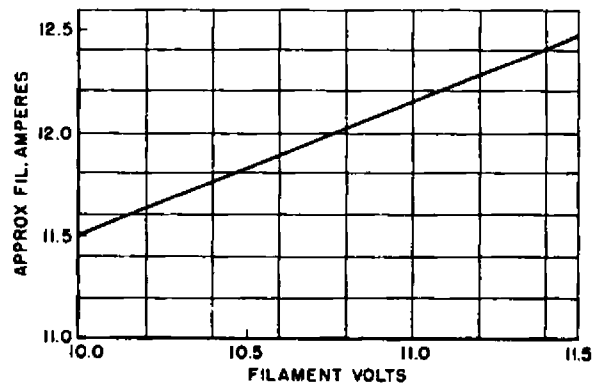
Filament Voltage Adjustment Chart



Relative Filament Life
as Function of Filament Volts

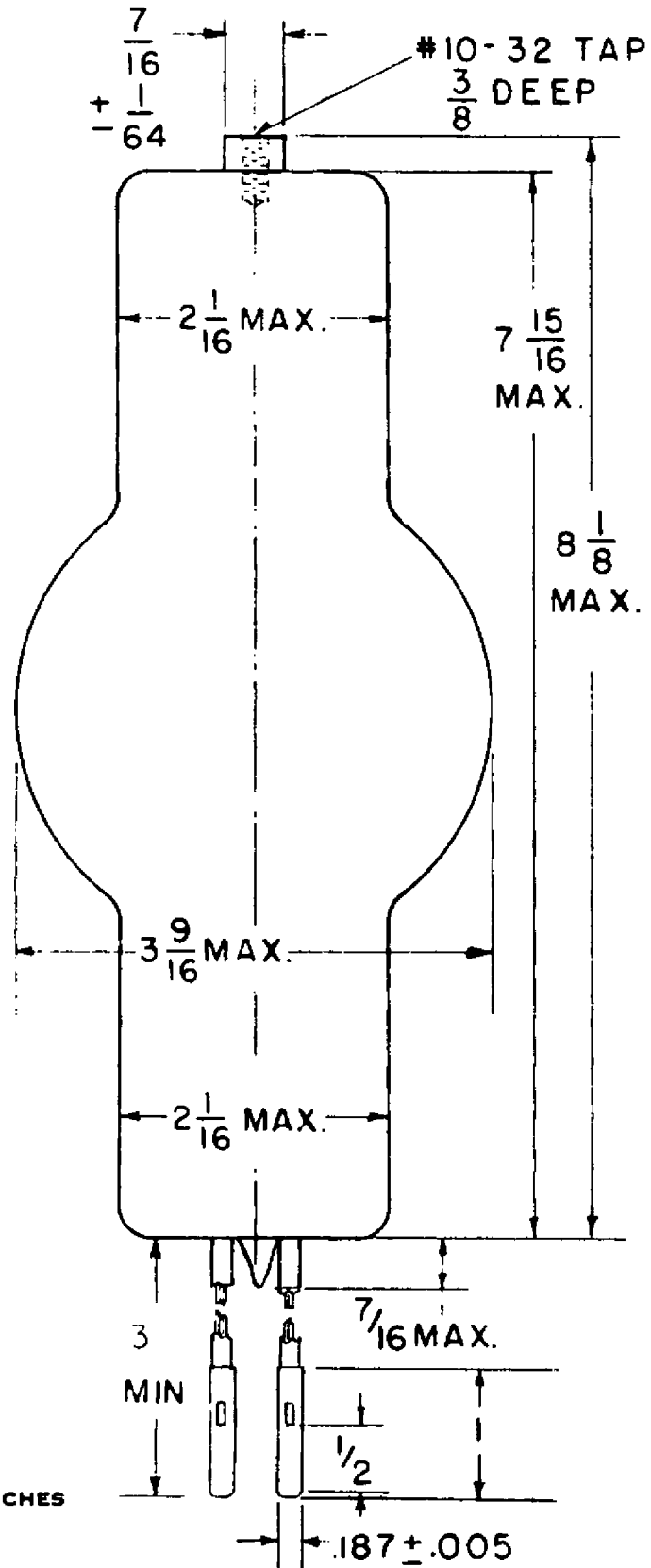


Filament Characteristics



January 6, 1950

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ALL DIMS. IN INCHES