



HIGH VACUUM RECTIFIER

A235

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American Equivalent 2-25A

INTRODUCTION

The A235 is a high vacuum rectifier with maximum ratings of 25kV peak inverse voltage and 500mA peak anode current. Small size and low filament power requirements make it suitable for a variety of high voltage applications.

GENERAL DATA

(See also Preamble to Rectifier Section of this Catalogue)

Electrical

Filament	..	..	..	..	..	..	Thoriated Tungsten
Filament Voltage	..	..	..	..	..	..	6.3 V
Filament Current	..	..	..	..	..	..	3.0 A
Max Peak Inverse Voltage	..	..	..	..	..	..	25 kV
Max Anode Dissipation	..	..	..	..	..	..	15 W
Max Anode Current:							
Peak	..	..	..	..	..	..	500 mA
Mean	..	..	..	..	..	..	50 mA

Mechanical

Overall Length	..	..	..	4.38 inches (111 mm)	Max
Overall Diameter	..	..	..	1.44 inches (36 mm)	Max
Net Weight	..	..	..	1.0 ounce (28 gm)	Approx
Base	..	..	..	..	Small UX4, metal shell
Mounting Position	..	..	..	..	Vertical, base up or down
Cooling	..	..	..	..	Natural
Max temperature of anode seal	..	..	..	..	225 °C

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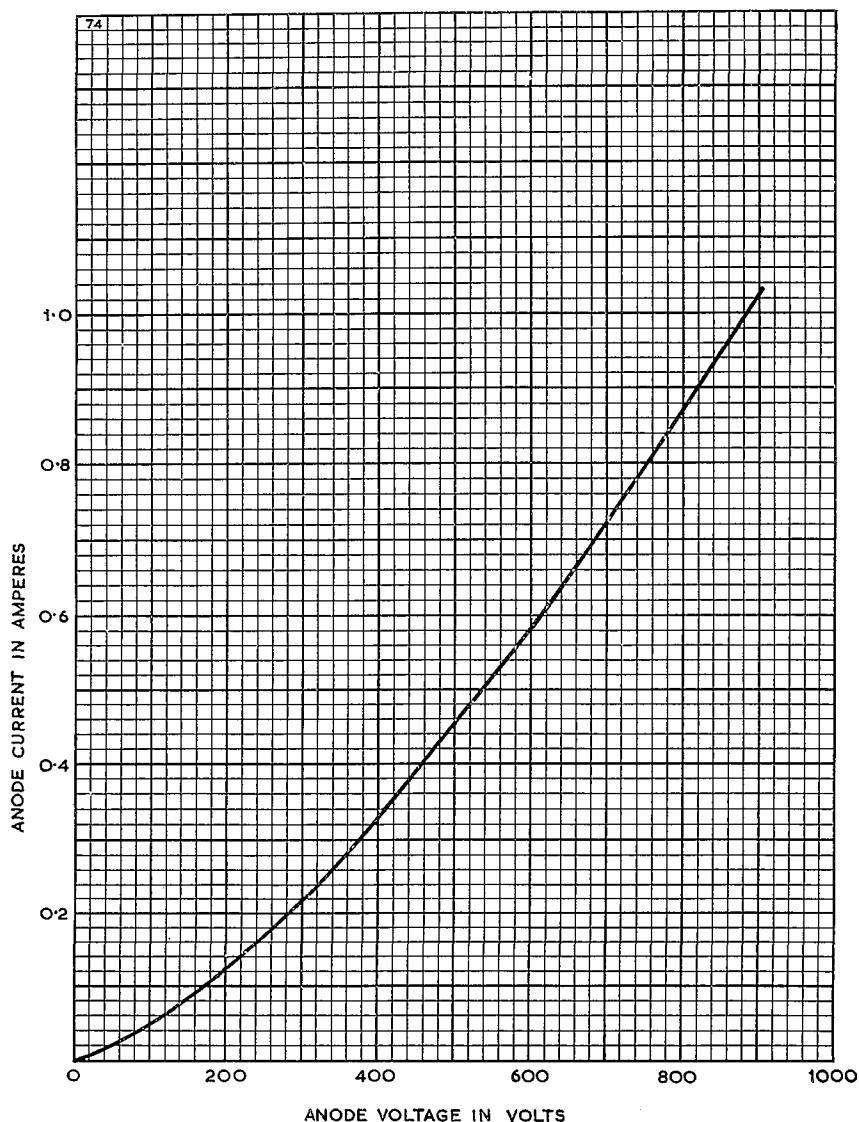


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ANODE CHARACTERISTIC



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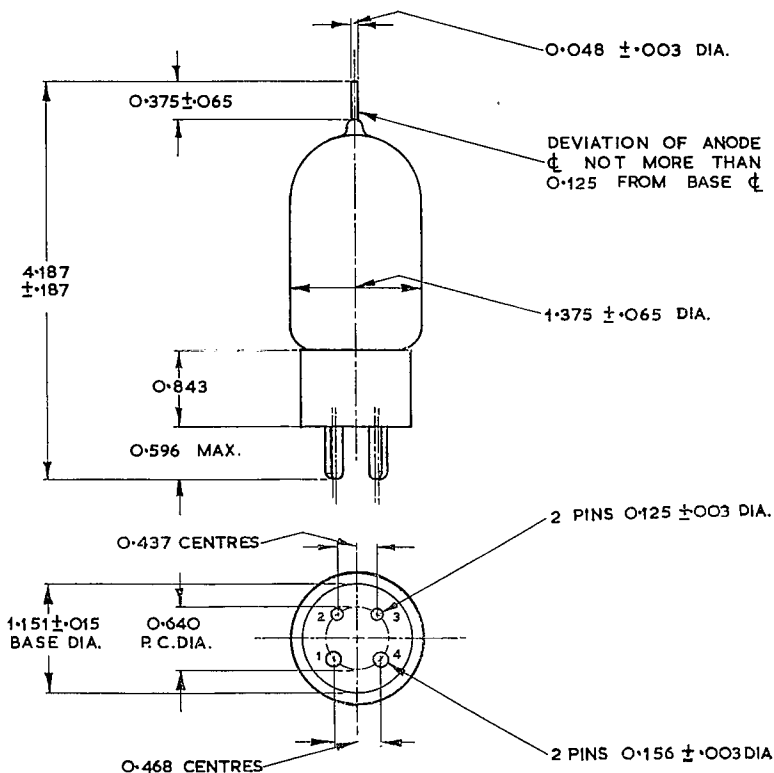
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OUTLINE

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ALL DIMENSIONS IN INCHES

PIN	ELEMENT
1	FILAMENT
2	NO CONNECTION
3	NO CONNECTION
4	FILAMENT
TOP	ANODE

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