HIGH VACUUM RECTIFIER

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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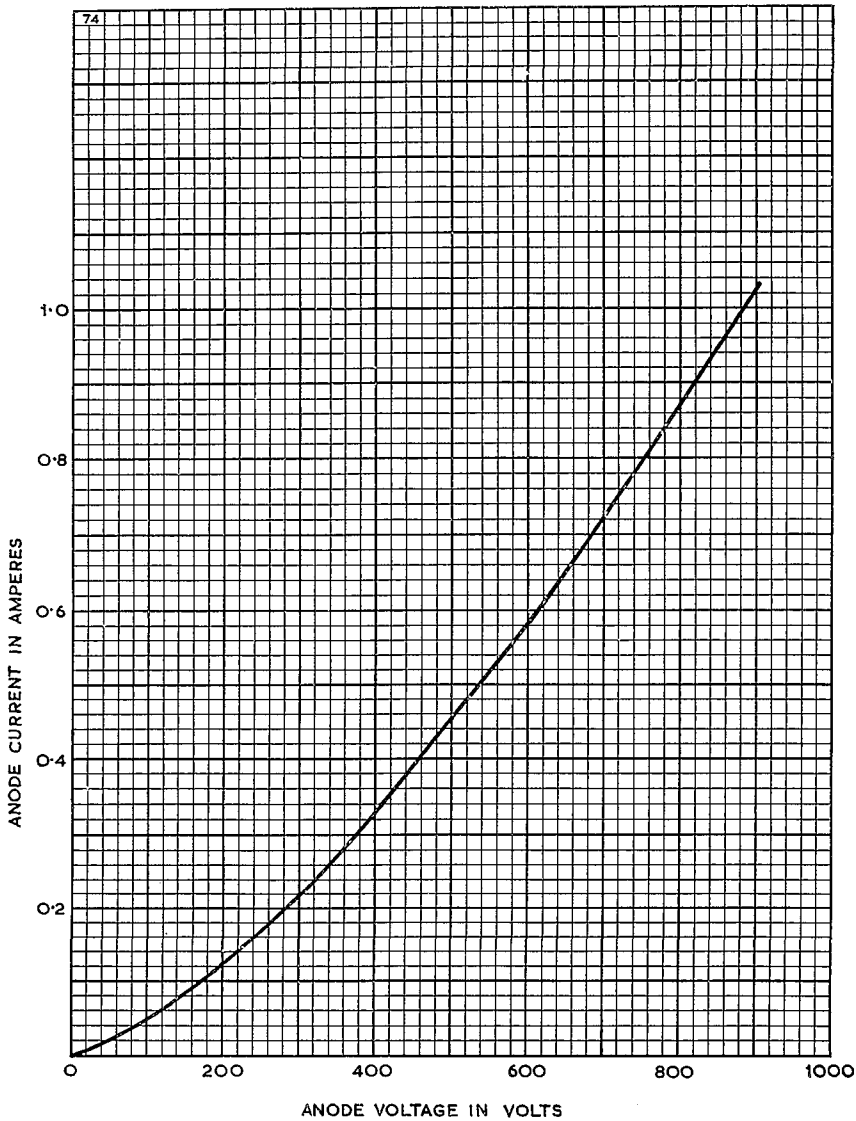
ANODE CHARACTERISTIC



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OUTLINE

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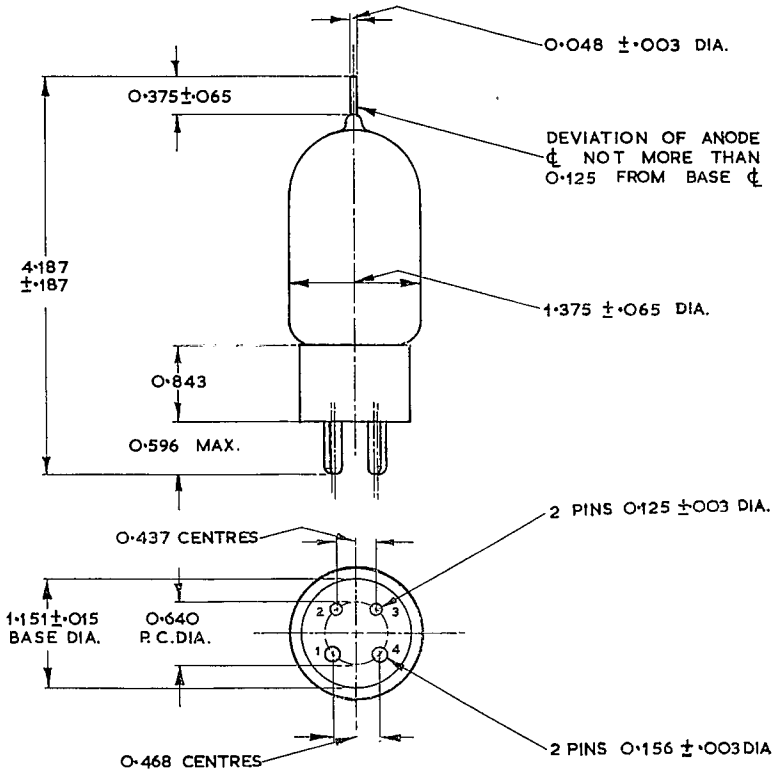

PIN	ELEMENT
1	FILAMENT
2	NO CONNECTION
3	NO CONNECTION
4	FILAMENT
TOP	ANODE

ALL DIMENSIONS IN INCHES