



Miniature Half-Wave High-Voltage Rectifier

2T/270K

CATHODE.

Indirectly-heated oxide-coated

Voltage	4	V
Nominal current	0.5	A

DIMENSIONS.

Maximum seated height	51.5	mm.
Maximum diameter	19.1	mm.
Top cap	Miniature skirted	
Base	Miniature 7 pin button	

MAXIMUM RATINGS.

Maximum applied RMS voltage	5.5	kV
Maximum applied RMS voltage for simultaneous switching of heater anode supplies	3.5	kV
Maximum working peak inverse voltage	12.5	kV
Maximum no load peak inverse voltage	15.5	kV
Maximum DC mean rectified current	5	mA
Maximum peak anode current	40	mA
Recommended reservoir condenser	0.25	μ F
Minimum limiting equivalent resistance introduced externally for a RMS voltage of 5.5 kV	62,000	Ω
Minimum delay in switching anode supply after heater voltage at maximum applied voltage	30	sec.

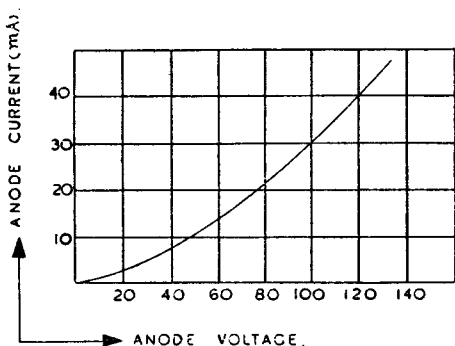
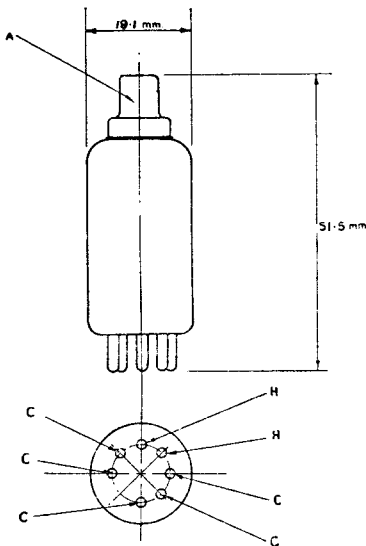
The above ratings apply to operation with a condenser input filter and a supply frequency of 50 c/s.

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Tentative data
January 1946

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