RADIOTRON

6X5, 6X5-G, 6X5-GT

6X5 / 6X5-G / 6X5-GT

FULL-WAVE HIGH-VACUUM RECTIFIER

Heater — Coated Unipotential Cathode

Heater Voltage — 6.3 a-c or d-c volts

Heater Current — 0.6 amp.

	6X5	6X5-G	6X5-GT
Max. Overall Length	3-1/4"	4-1/8"	3-5/16"
Max. Seated Height	2-11/16"	3-9/16"	2-3/4"
Max. Diameter	1-5/16"	1-9/16"	1-5/16"
Bulb	Metal Shell, MT-8	ST-12	T-9
Base	Small Wafer Octal 6-Pin	Small Shell Octal 6-Pin	Intermed. Sh. Octal 6-Pin
Basing Designation	6S	G-6S	G-6S

Pin 1 — 6X5, Shell; 6X5-G, No Con.; 6X5-GT, No Con.

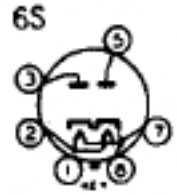
Pin 2 - Heater

Pin 3 - Plate #2

Pin 5 - Plate #1

Pin 7 - Heater

Pin 8 - Cathode



BOTTOM VIEW

Mounting Position — 6X5: Vertical◇; 6X5-G, 6X5-GT: Any

FULL-WAVE RECTIFIER

Peak Inverse Voltage	1250 max. volts
Peak Plate Current per Plate	210 max. ma.
D-C Heater-Cathode Potential	450 max. volts
With Condenser-Input Filter:	
A-C Plate Voltage per Plate (RMS)	325 max. volts
Total Effective Plate-Supply Impedance per Plate ▲	150 min. ohms
D-C Output Current	70 max. ma.
With Choke-Input Filter:	
A-C Plate Voltage per Plate (RMS)	450 max. volts
Input-Choke Inductance	8 min. henries
D-C Output Current	70 max. ma.

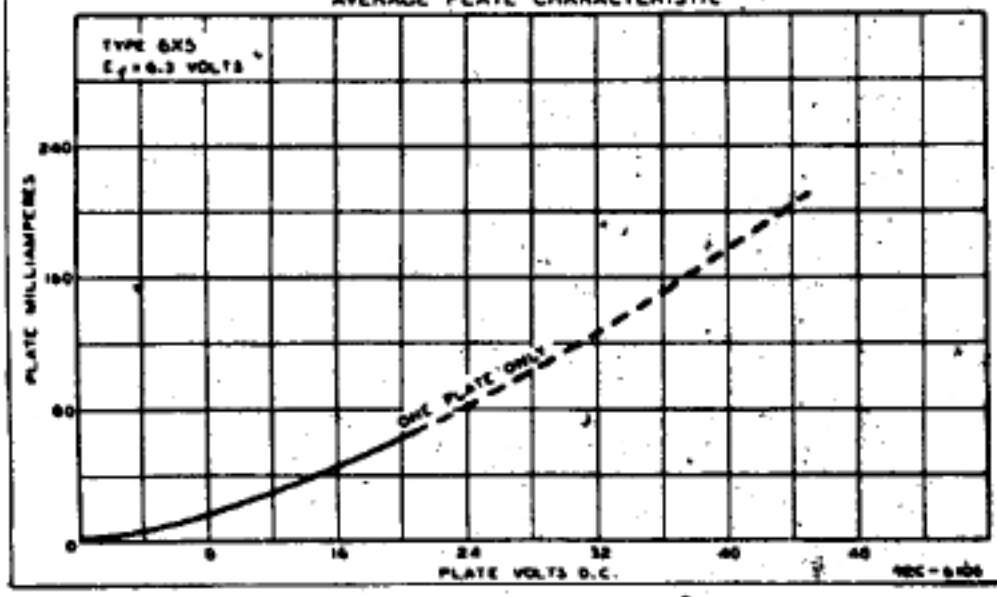
□ Under no condition of operation should the heater voltage fluctuate to exceed 7.5 volts.

◇ Horizontal operation permitted if pins 3 & 5 are in a horizontal plane.

▲ When a filter-input condenser larger than 40 μf is used, it may be necessary to use more plate-supply impedance than the minimum value shown to limit the peak plate current to the rated value.

← Indicates a change.

AVERAGE PLATE CHARACTERISTIC



AMALGAMATED WIRELESS VALVE CO. PTY. LTD.

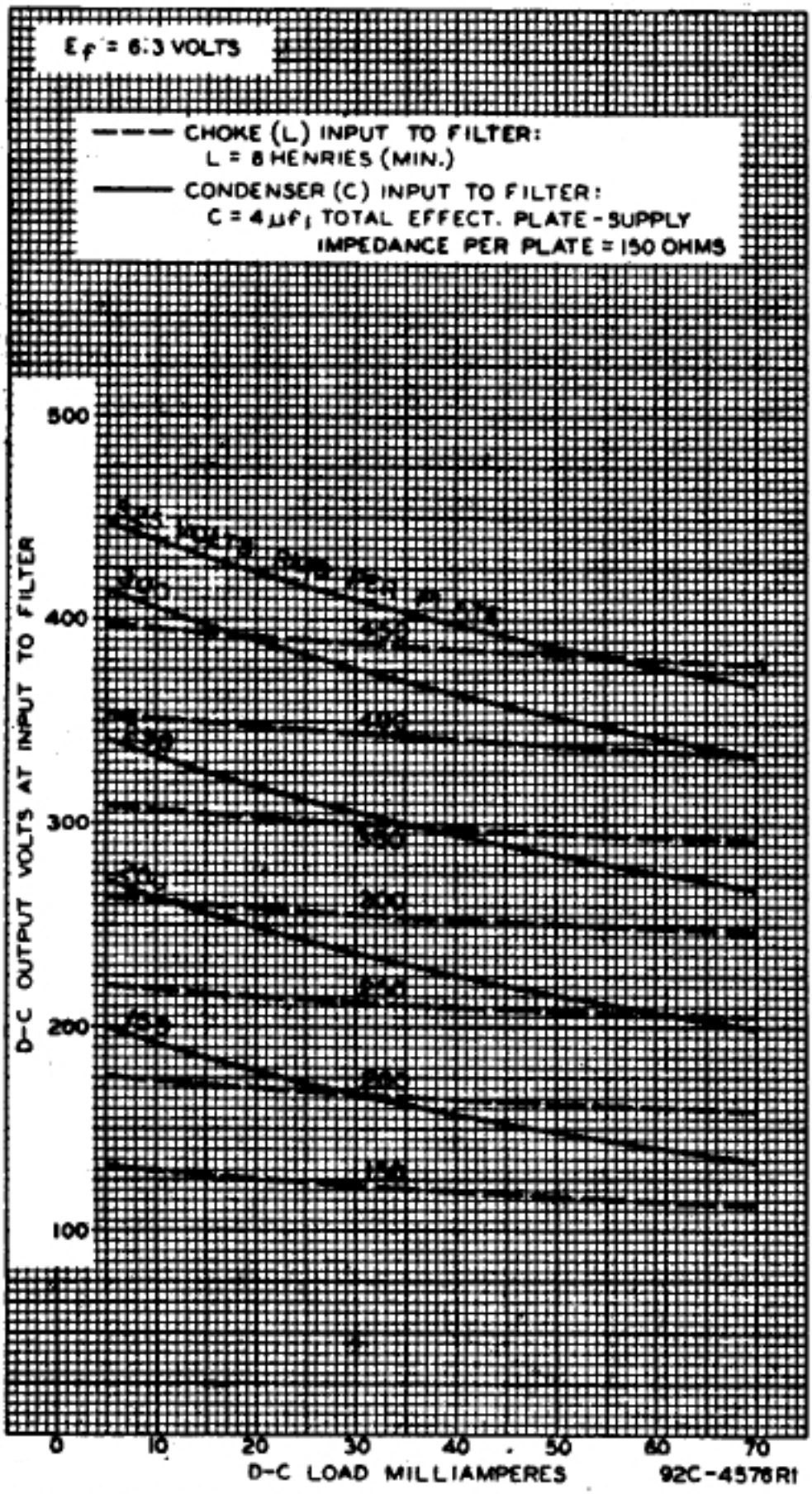
SEPTEMBER, 1940 SYDNEY, AUSTRALIA

6X5-GT

RADIOTRON

6X5-GT

OPERATION CHARACTERISTICS



AMALGAMATED WIRELESS VALVE CO. PTY. LTD.

SEPTEMBER, 1940 SYDNEY, AUSTRALIA