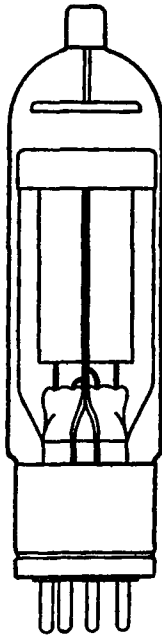


RMA Type 5C21

GRID CONTROL RECTIFIER TUBE

EL C6J

Tantalum Anode and Xenon Gas Filling

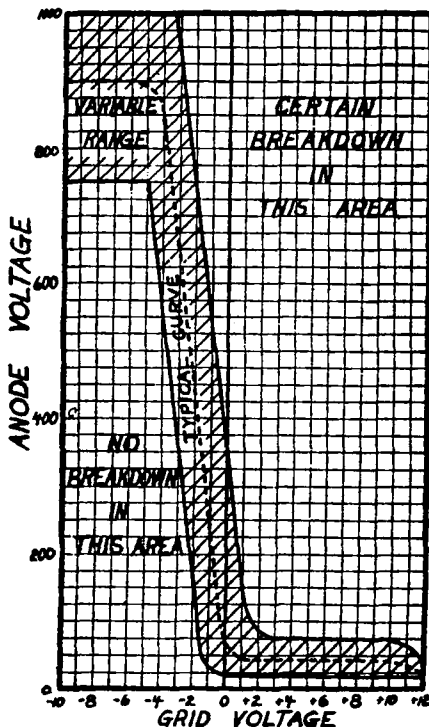


D-c. Amperes Output (Max. Rated)	
D-c. Meter Value-Continuous	6.4
D-c. Meter Value-Overload less than 3 sec.	12.8
Oscillograph Peak -Continuously recurring	77

Peak Forward Volts (Max. Instantaneous)	750
Peak Inverse Volts (Max. Instantaneous)	1250

Average Arc Drop Volts	
Highest Tube at end of life	12
Average Tube	9

Filament	
Volts	2.5
Amperes	21±2A
Heating Time	Approx. 60 sec.



Grid Characteristics	
Critical Grid Volts @ p.f.v.	-3.5±1.5
Critical Grid Current	Less than 10 Microamps
Maximum Negative Grid Volts	100
Starting Volts (Instantaneous)	
Highest Tube	75
Average Tube	40
Maximum De-ionization Time	Approx. 1 Millisecond

Grid-anode Capacitance	Approx. 4 uuf
Grid-filament Capacitance	21 uuf

Max. A-c. Short-circuit Current (0.1 sec.)	770A
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Overall Dimensions	2 x 9½"
Weight	7 ozs.

Connections	
Filament & Grid	#412 4-prong Industrial Base
Anode	#3903 Cap at top (0.55" dia.)

Ambient Temperature Limits	-40 to +65°C.
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The filament must be lit before the d-c. load is applied.

All of the above values are for returns to the filament center tap.

ELECTRONS, INC.
127 Sussex Avenue
Newark 4, N. J.

2/19/45

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