

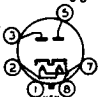


6X5
6X5-GT/G

6X5, 6X5-GT/G

FULL-WAVE HIGH-VACUUM RECTIFIER

Heater Voltage	Coated Unipotential Cathode		a-c or d-c volts
Current	6.3		amp.
	6X5	6X5-GT/G	
Maximum Overall Length	3-1/4"	3-5/16"	
Maximum Seated Height	2-11/16"	2-3/4"	
Maximum Diameter	1-5/16"	1-5/16"	
Bulb	Metal Shell, MT-8		T-9
Base	{ Small Wafer		{ Intermed. Sh.
Basing Designation	Octal 6-Pin		Octal 6-Pin
Pin 1 { 6X5, Shell	6S		G-6S
Pin 1 { 6X5-GT/G, No Con.			Pin 5 - Plate #1
Pin 2 - Heater			Pin 7 - Heater
Pin 3 - Plate #2			Pin 8 - Cathode
Mounting Position			{ 6X5: Vertical Δ
			{ 6X5-GT/G: Any



BOTTOM VIEW

Maximum Ratings Are Design-Center Values

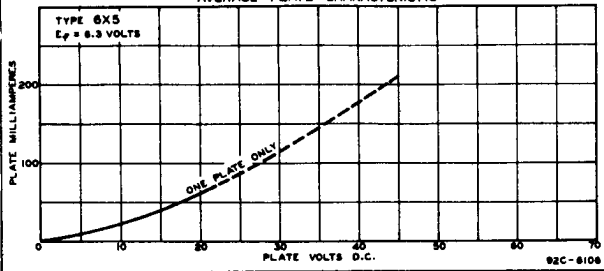
FULL-WAVE RECTIFIER

Peak Inverse Plate Voltage	1250 max. volts
Peak Plate Current per Plate	210 max. ma.
D-C Output Current:	
With condenser input to filter	70 max. ma.
With choke input to filter	70 [Ⓜ] max. ma.
D-C Heater-Cathode Potential	450 max. volts

Typical Operation:	Condenser-	Choke-
	Input Filter	Input Filter
A-C Plate-to-Plate Supply Voltage (RMS)	650	900 volts
Filter Input Condenser	4	- μ f
Min. Total Effect. Plate-Supply Imped. per Plate	150	- ohms
Filter Input Choke	-	8 henries
D-C Output Current	70	70 ma.
D-C Voltage (At input to filter): [Ⓢ]		
At half-load current (35 ma.)	405	385 volts
At full-load current (70 ma.)	370	380 volts
Difference (Voltage Regulation)	35	5 volts
Percentage Regulation	8.5	1.3 %

Δ Horizontal operation permitted if pins 3 & 5 are in a horizontal plane.
[Ⓜ] For choke not less than 8 henries.
[Ⓢ] Approximate values.

AVERAGE PLATE CHARACTERISTIC



Mar. 20, 1943

RCA VICTOR DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

DATA

6X5



6X5

OPERATION CHARACTERISTICS

