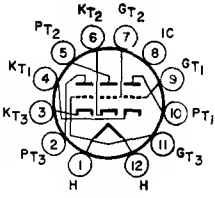
6C10 HIGH-MU TRIPLE TRIODE



12BQ

Duodecar type used in resistance-coupled voltage amplifiers, phase inverters, and other circuits requiring high voltage gain. **Outlines section,** 8A; requires duodecar 12-contact socket. **Heater:** volts (ac/dc), 6.3; amperes, 0.6; average warm-up time (for series heater operation), 11 seconds; maximum heater-cathode volts, ±200 peak, 100 average.

Class A_1 Amplifier

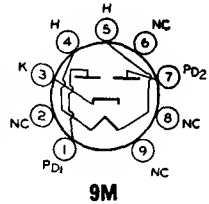
MAXIMUM RATINGS (Design-Maximum Values, Each Triode Unit)

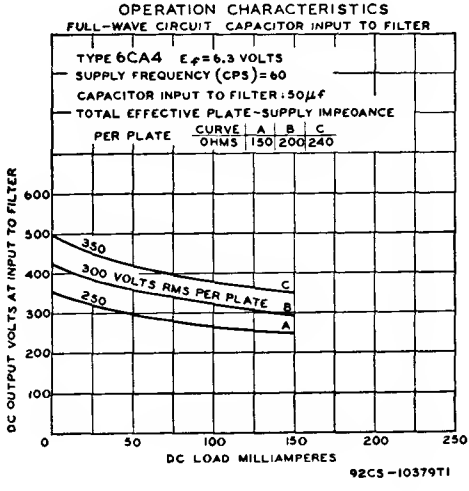
Plate Voltage	330	volts
Grid Voltage:		
Positive-bias value	0	volts
Negative-bias value	50	volts
Plate Dissipation	1	volt
Total Plate Dissipation (All plates)	3	watts

CHARACTERISTICS (Each Triode Unit)

Plate Voltage	100	250	volts
Grid Voltage	—1	—2	volts
Amplification Factor	100	100	
Plate Resistance (Approx.)	80000	62500	ohms
Transconductance	1250	1600	μmhos
Plate Current	0.5	1.2	mA

6CA4 FULL-WAVE VACUUM RECTIFIER



9M

Miniature type used in power supply of compact audio equipment having moderate dc requirements. **Outlines section,** 6G; requires miniature 9-contact socket. This tube, like other power-handling tubes, should be adequately ventilated. **Heater:** volts (ac/dc), 6.3; amperes, 1.