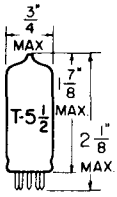
TUNG-SOL

DOUBLE-DIODE TRIODE

MINIATURE TYPE



GLASS BULB

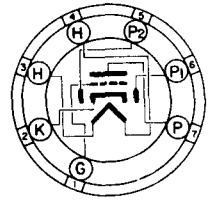
COATED UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 150 MA.

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW

MINIATURE BUTTON
7 PIN BASE

THE 6AQ6 COMBINES TWO DIODES AND A HIGH-MU TRIODE VOLTAGE AMPLIFIER IN THE MINIATURE CONSTRUCTION. THE THREE SECTIONS USE A COMMON CATHODE BUT ARE ADEQUATELY SHIELDED TOPROVIDE FOR SIMULTANEOUS SERVICE AS DETECTORS, AVC RECTIFIER, AND AUDIO VOLTAGE AMPLIFIER. THIS TUBE IS PARTICULARLY USEFUL IN DESIGNS REQUIRING ECONOMY OF HEATER POWER.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

HEATER VOLTAGE	6.3	VOLTS
MAXIMUM HEATER-CATHODE VOLTAGE	90	VOLTS
MAXIMUM PLATE VOLTAGE	300	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

TRIODE UNIT - CLASS A_1 AMPLIFIER

HEATER VOLTAGE	6.3	6.3	VOLTS
HEATER CURRENT	150	150	MA.
PLATE VOLTAGE	100	250	VOLTS
GRID VOLTAGE	-1	-3	VOLTS
PLATE CURRENT	0.8	1.0	MA.
PLATE RESISTANCE	61 000	58 000	OHMS
TRANSCONDUCTANCE	1 150	1 200	µMHOS
AMPLIFICATION FACTOR	70	70	

DIODE UNITS - TWO

THE DIODE UNITS ARE INDEPENDENT OF THE TRIODE UNIT EXCEPT FOR THE COMMON CATHODE SLEEVE. DIODE BIASING OF THE TRIODE IS NOT SUITABLE.

SIMILAR TYPE REFERENCE: Ratings and Characteristics somewhat similar to 6AT6, 6Q7, 6Q7GT, 6SQ7, 6SQ7GT, 7B6, 7C6.

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PLATE 2036
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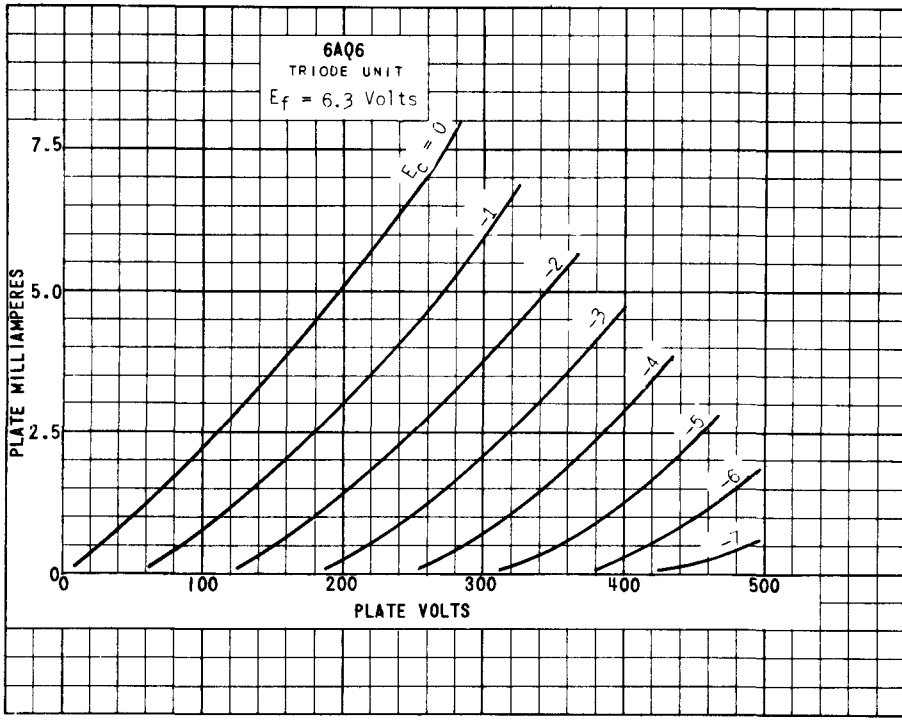
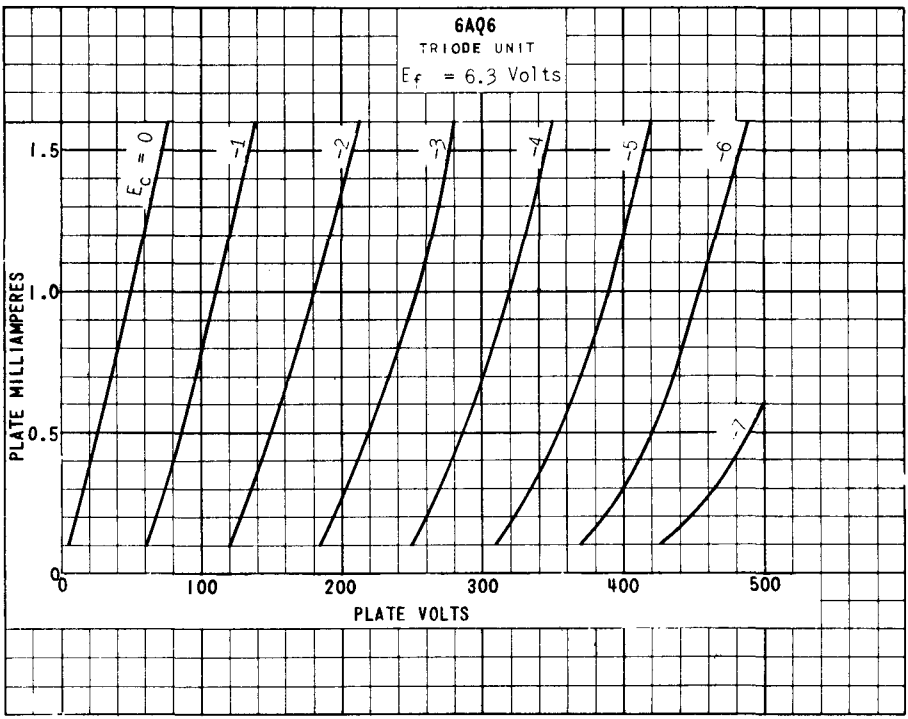
6AQ6





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