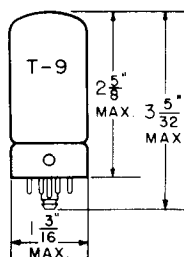


## TUNG-SOL

## BEAM PENTODE



GLASS BULB

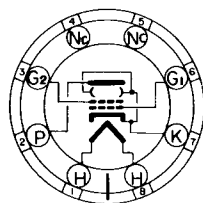
COATED UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 0.75 AMP.

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW

LOCK-IN  
8 PIN BASE

6AA

THE 7A5 IS A BEAM POWER AMPLIFIER USING THE LOCK-IN CONSTRUCTION. IT IS DESIGNED FOR SERVICE IN THE OUTPUT STAGE OF AC AND AUTO RECEIVERS.

## RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

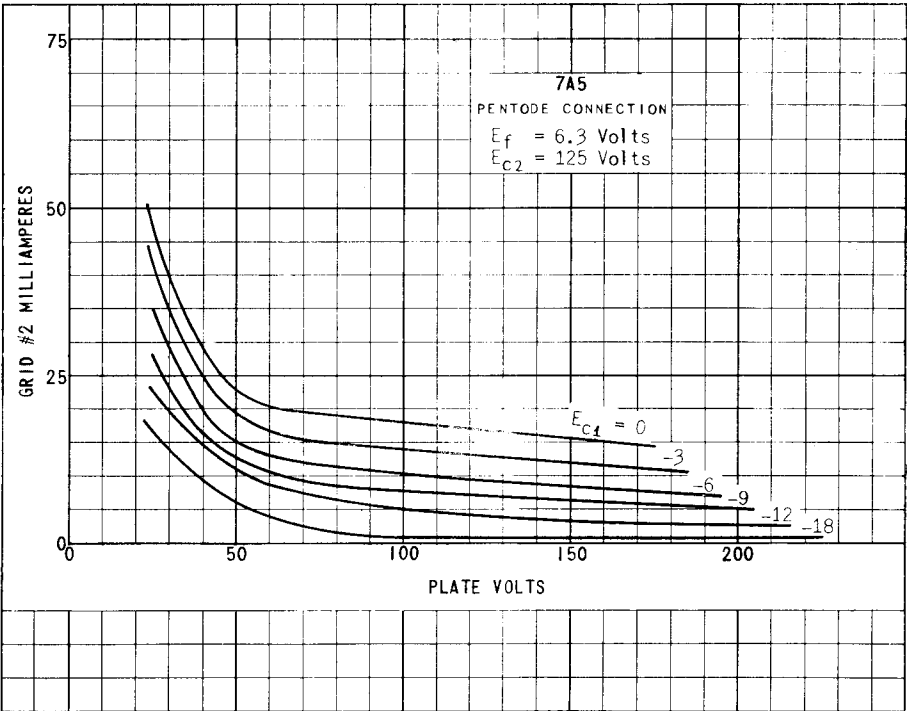
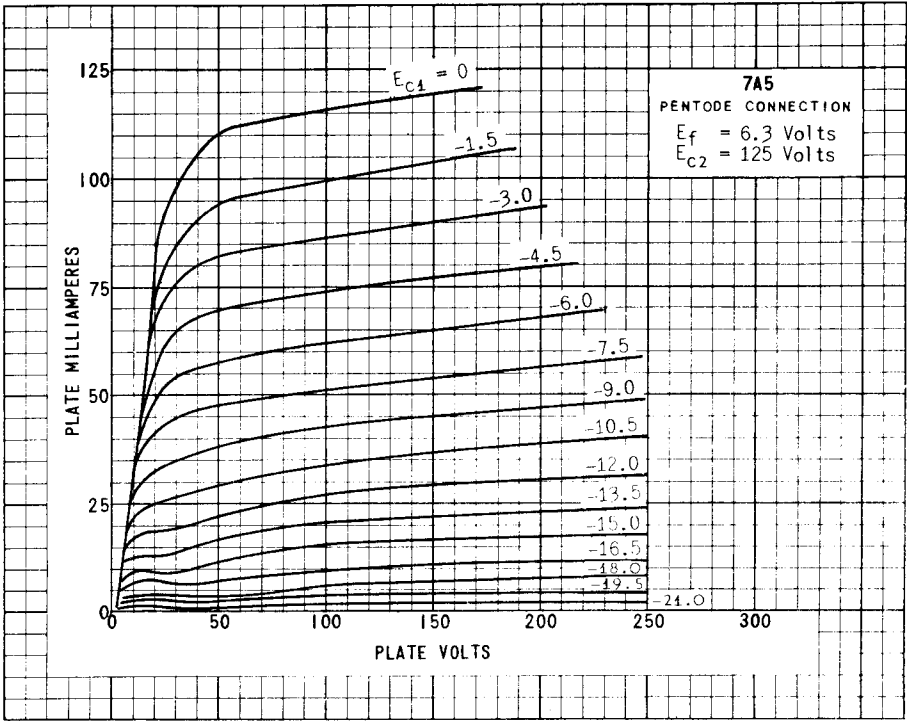
HEATER VOLTAGE	6.3	VOLTS
MAXIMUM PLATE VOLTAGE	125	VOLTS
MAXIMUM GRID #2 VOLTAGE	125	VOLTS
MAXIMUM PLATE DISSIPATION	5.5	WATTS
MAXIMUM GRID #2 DISSIPATION	1.2	WATTS
MAXIMUM HEATER-CATHODE VOLTAGE	90	VOLTS
MAXIMUM GRID #1 CIRCUIT RESISTANCE (CATHODE BIAS)	0.5	MEGOHM
MAXIMUM GRID #1 CIRCUIT RESISTANCE (FIXED BIAS)	0.1	MEGOHM

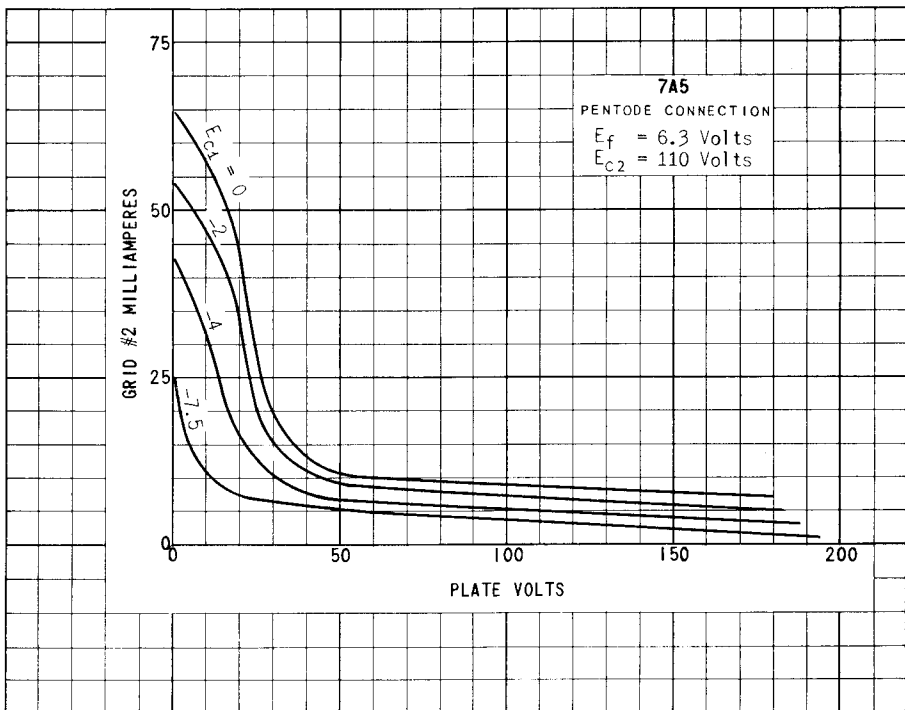
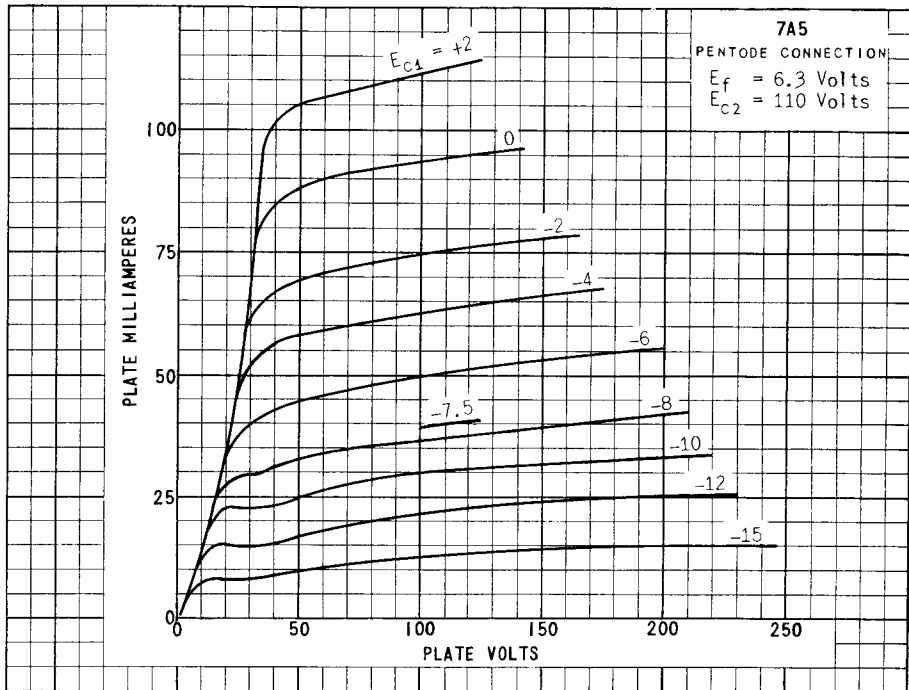
## TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A<sub>1</sub> AMPLIFIER

HEATER VOLTAGE	6.3	VOLTS
HEATER CURRENT	0.75	AMP.
PLATE VOLTAGE	110	VOLTS
GRID #2 VOLTAGE	110	VOLTS
GRID #1 VOLTAGE	-7.5	VOLTS
PEAK A-F GRID #1 VOLTAGE	7.5	VOLTS
PLATE RESISTANCE (APPROX.)	16 000	OHMS
TRANSCONDUCTANCE	5 800	UMHOS
ZERO-SIGNAL PLATE CURRENT	40	MA.
MAXIMUM-SIGNAL PLATE CURRENT	41	MA.
ZERO-SIGNAL GRID #2 CURRENT	3	MA.
MAXIMUM-SIGNAL GRID #2 CURRENT	7	MA.
LOAD RESISTANCE	2 500	OHMS
TOTAL HARMONIC DISTORTION	10	PERCENT
POWER OUTPUT	1.5	WATTS

→ INDICATES A CHANGE OR ADDITION.





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PLATE  
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