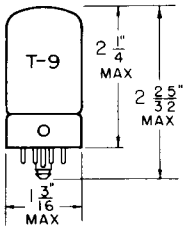
TUNG-SOL

DOUBLE TRIODE

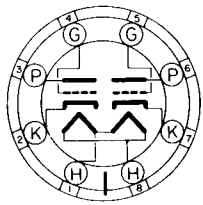


GLASS BULB

COATED UNIPOTENTIAL CATHODE

HEATER
12.6 VOLTS 150 MA.
AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW
LOCK-IN
8 PIN BASE
8AC

THE 14F7 IS A TWIN HIGH-MU TRIODE USING THE LOCK-IN CONSTRUCTION. IT IS DESIGNED FOR USE AS A VOLTAGE AMPLIFIER IN RESISTANCE COUPLED CASCADE OR PHASE INVERTER SERVICE.

DIRECT INTERELECTRODE CAPACITANCES
WITH RMA #308 SHIELD CONNECTED TO CATHODE

	TRIODE UNIT 1		TRIODE UNIT 2	
GRID TO PLATE: (G TO P)	1.6		1.6	μμf
INPUT: G TO (H+K)	2.4		2.4	μμf
OUTPUT: P TO (H+K)	2.0		2.0	μμf
GRID TO GRID: (G TO G) MAX.		0.2		μμf
PLATE TO PLATE: (P TO P) MAX.		1.0		μμf

RATINGS
INTERPRETED ACCORDING TO RMA STANDARD M8-210

HEATER VOLTAGE	12.6	VOLTS
MAXIMUM HEATER-CATHODE VOLTAGE	90	VOLTS
MAXIMUM PLATE VOLTAGE	300	VOLTS
MINIMUM EXTERNAL GRID BIAS VOLTAGE	0	VOLTS
MAXIMUM PLATE DISSIPATION PER UNIT	1	WATT

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS
CLASS A_1 AMPLIFIER - EACH TRIODE UNIT

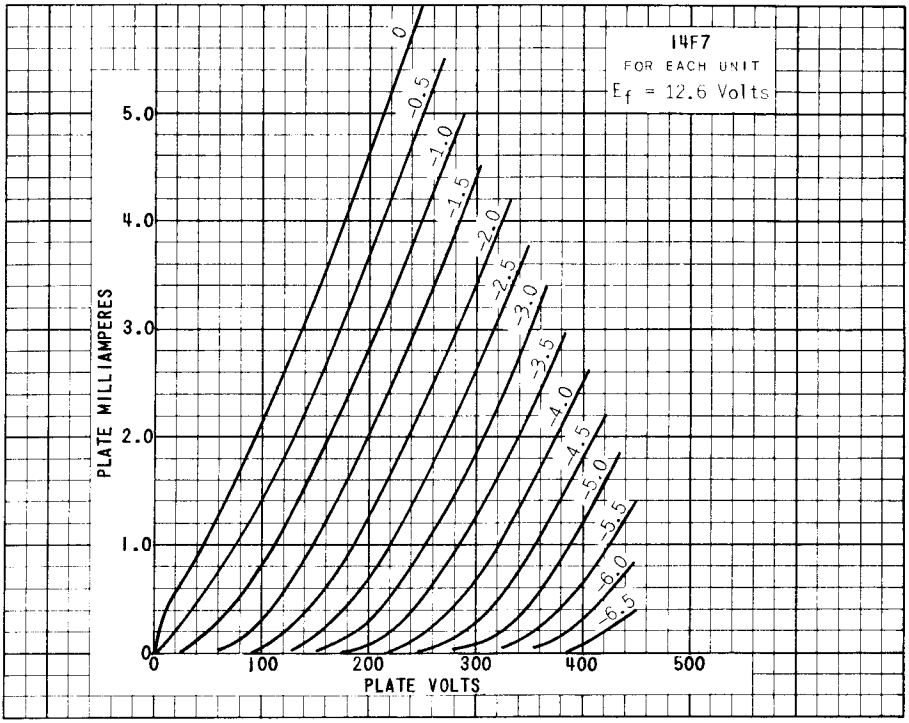
HEATER VOLTAGE	12.6	12.6	VOLTS
HEATER CURRENT	150	150	MA.
PLATE VOLTAGE	100	250	VOLTS
GRID VOLTAGE	-1	-2	VOLTS
PLATE CURRENT	0.65	2.3	MA.
PLATE RESISTANCE	62 000	44 000	OHMS
TRANSCONDUCTANCE	1 125	1 600	μMHOS
AMPLIFICATION FACTOR	70	70	

SIMILAR TYPE REFERENCES: Characteristics are identical to type 6SL7GT.

PRINTED IN U. S. A.

PLATE 2296
DEC. 1 1949

14F7 (7F7)



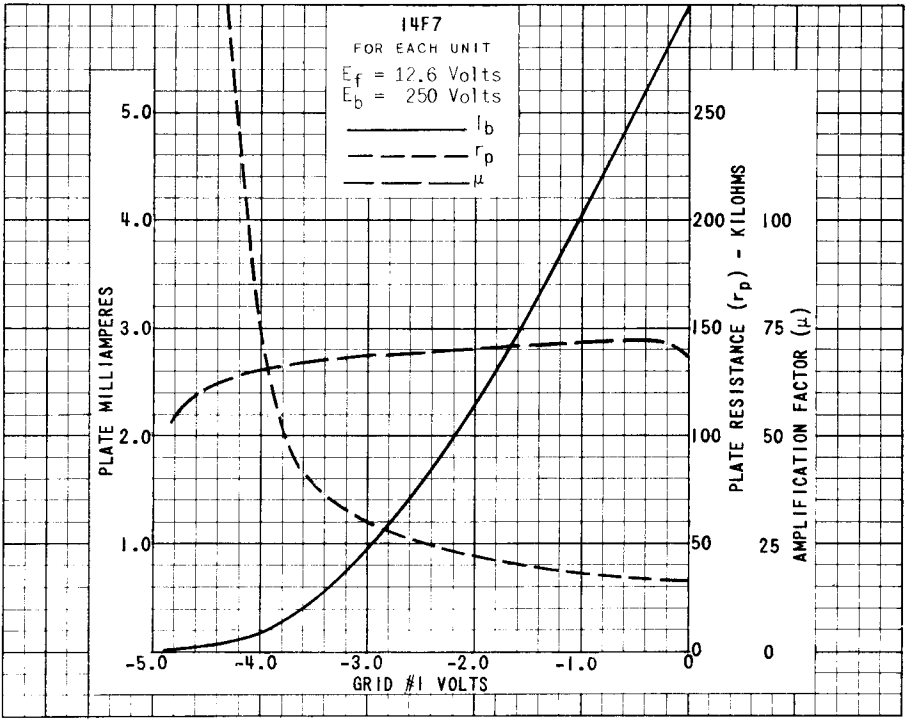


PLATE 2297
DEC. 1 1949