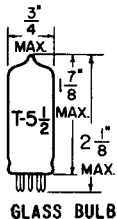


TUNG-SOL

PENTODE
MINIATURE TYPE



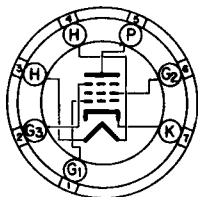
COATED UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 450 MA.

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW
MINIATURE BUTTON
7 PIN BASE

THE 6AH6 IS A SHARP CUT-OFF VOLTAGE AMPLIFIER IN THE MINIATURE CONSTRUCTION. IT IS CHARACTERIZED BY A VERY HIGH TRANSCONDUCTANCE AND MODERATELY LOW INTERELECTRODE CAPACITANCES WHICH ADAPT IT TO WIDE BAND VIDEO AND INTERMEDIATE FREQUENCY AMPLIFIER SERVICE.

DIRECT INTERELECTRODE CAPACITANCES

	WITH EXTERNAL SHIELD ^A	WITHOUT SHIELD	
GRID TO PLATE: (G_4 TO P) MAX.	0.020	0.030	μMF
INPUT: G_1 TO ($H+K+G_2+G_3$)	10	10	μMF
OUTPUT: P TO ($H+K+G_2+G_3$)	3.6	2	μMF

^A WITH RMA MINIATURE SHIELD NO. 313 CONNECTED TO CATHODE.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

HEATER VOLTAGE	6.3	VOLTS
MAXIMUM HEATER-CATHODE VOLTAGE	90	VOLTS
MAXIMUM PLATE VOLTAGE	300	VOLTS
MAXIMUM GRID #2 VOLTAGE	150	VOLTS
MAXIMUM PLATE DISSIPATION ^B	3.2	WATTS
MAXIMUM GRID #2 DISSIPATION	0.4	WATT
MAXIMUM CATHODE CURRENT	13	MA.

^B AT MAXIMUM RATINGS, IT IS NECESSARY THAT AT LEAST ONE SURFACE OF THE SHIELD, IF USED, BE BLACKENED.

CONTINUED ON FOLLOWING PAGE

PLATE
1987
MAR. 1,
1948

TUNG-SOL

CONTINUED FROM PRECEDING PAGE

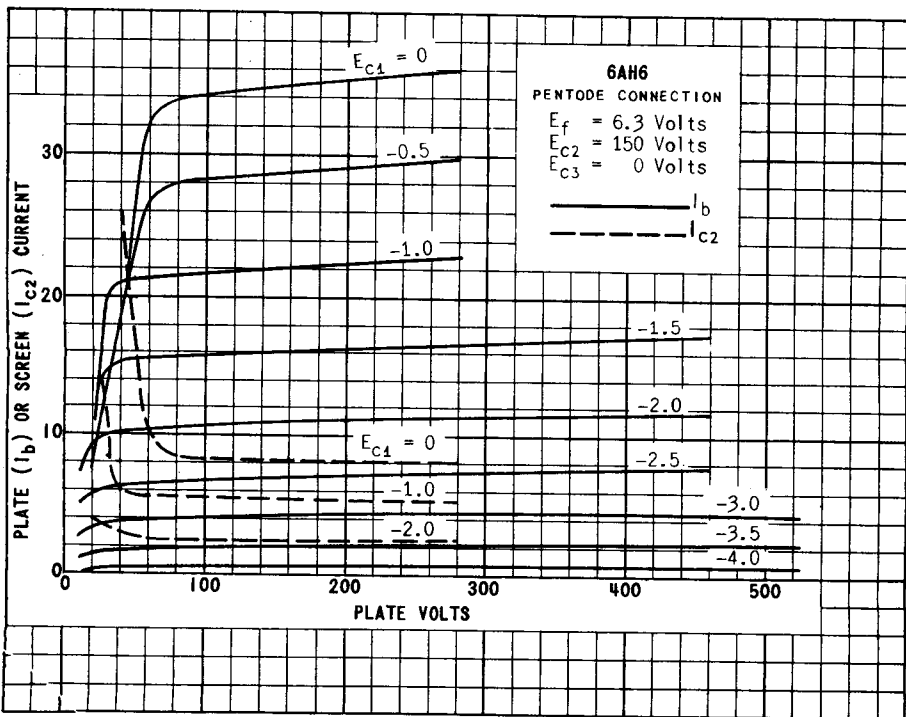
TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

	PENTODE CONNECTION	TRIODE CONNECTION ^C	
HEATER VOLTAGE	6.3	6.3	VOLTS
HEATER CURRENT	450	450	MA.
PLATE VOLTAGE	300	150	VOLTS
GRID #2 VOLTAGE	150	---	VOLTS
CATHODE RESISTOR	160	160	OHMS
PLATE RESISTANCE (APPROX.)	0.5	0.0036	MEGOHM
TRANSCONDUCTANCE	9 000	11 000	μMHOS
AMPLIFICATION FACTOR	---	40	
PLATE CURRENT	10	12.5	MA.
GRID #2 CURRENT	2.5	---	MA.
GRID #1 VOLTAGE (APPROX.) FOR $I_b = 10 \mu A.$	-7	-7	VOLTS
TRANSCONDUCTANCE (GRID #3-PLATE) ^D			

GRID #2 AND GRID #3 CONNECTED TO PLATE.

^D GRID #3 HAS PRACTICALLY NO CONTROL CHARACTERISTIC AND IT IS NOT INTENDED TO BE USED AS A CONTROL ELECTRODE. ITS TRANSCONDUCTANCE TO THE PLATE IS APPROXIMATELY 2 μMHOS AND THE MU IS 0.7 TO 1.0.



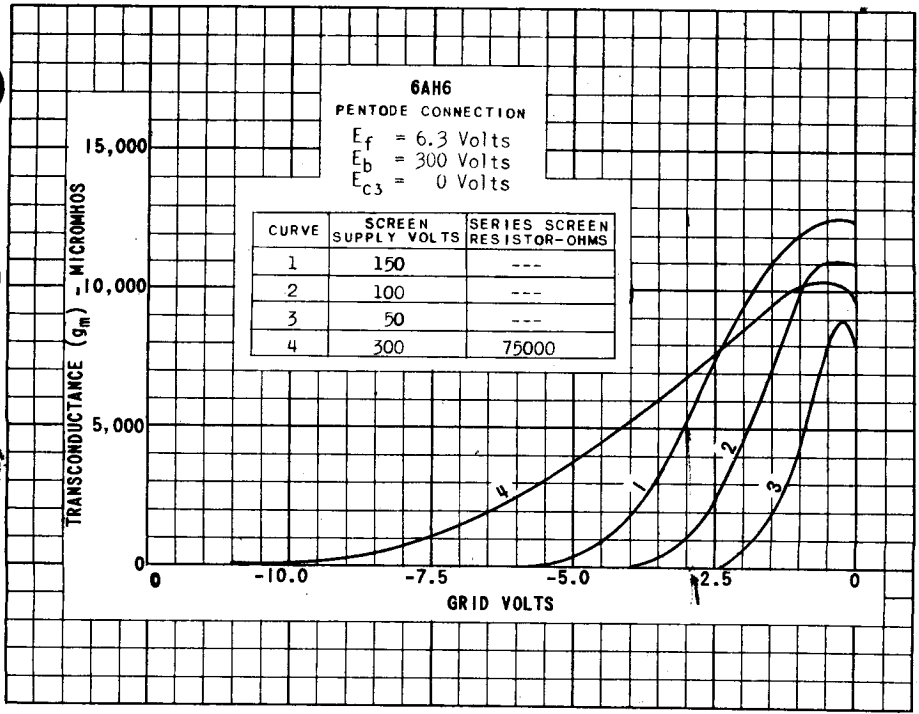
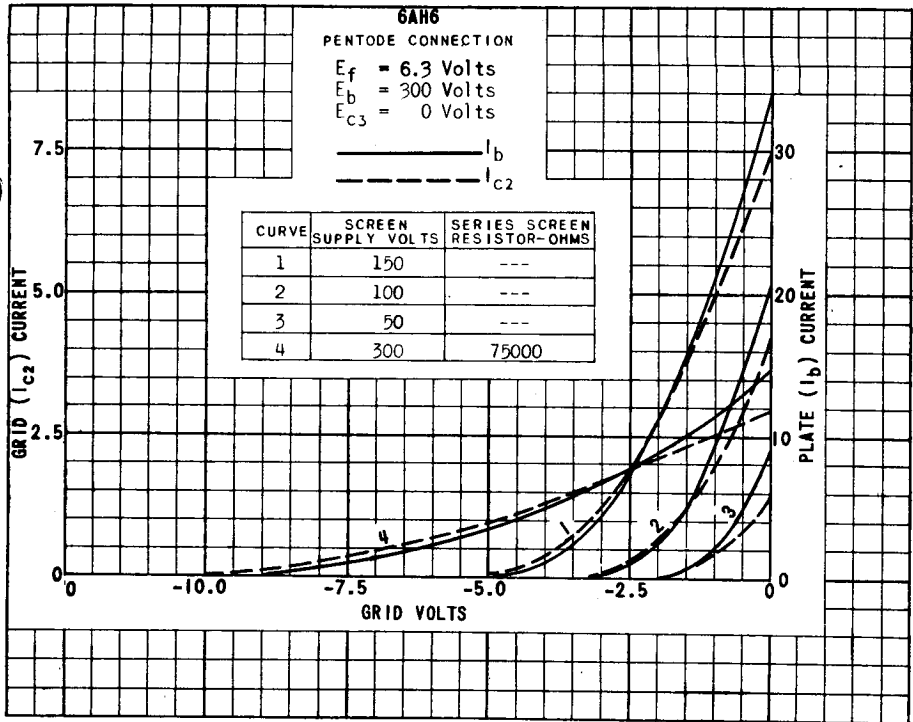


PLATE
1989
MAR. 1
1948