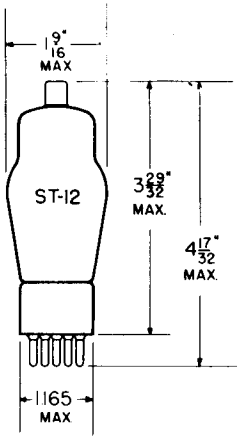
TUNG-SOL



2A6, 75

SMALL METAL CAP

DUO-DIODE HIGH-MU TRIODE AMPLIFIER

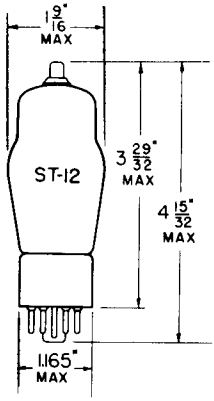
COATED UNIPOTENTIAL CATHODE

2A6	2.5 VOLTS	0.8 AMPERE
75	6.3 VOLTS	0.3 AMPERE
6B6G	6.3 VOLTS	0.3 AMPERE

AC OR DC

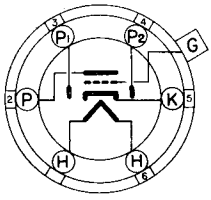
GLASS BULB

ANY MOUNTING POSITION



6B6G

SKIRTED MINIATURE CAP



BOTTOM VIEW

SMALL 6-PIN BASE

BOTTOM VIEW

SMALL 7-PIN OCTAL BASE

THE 2A6, 6B6G AND 75 COMBINE TWO DIODES AND A HIGH-MU TRIODE IN A SINGLE BULB, USING A COMMON CATHODE. THEY ARE DESIGNED FOR USE AS DIODE DETECTORS, AVC RECTIFIERS AND RESISTANCE COUPLED AMPLIFIERS.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

MAXIMUM PLATE VOLTAGE	250	VOLTS
MINIMUM DIODE CURRENT PER PLATE WITH 10 VOLTS DC APPLIED	0.8	MA.
MAXIMUM CATHODE VOLTAGE	100	VOLTS

CONTINUED ON NEXT PAGE

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CONTINUED FROM PRECEDING PAGE.

DIRECT INTERELECTRODE CAPACITANCES (APPROX.)

TRIODE UNIT

GRID TO PLATE	1.7	μμf
INPUT	1.7	μμf
OUTPUT	3.8	μμf

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A_1 AMPLIFIER

TRIODE UNIT

PLATE VOLTAGE	250	VOLTS
GRID VOLTAGE	-2.0	VOLTS
PLATE CURRENT	0.9	MA.
PLATE RESISTANCE	91 000	OHMS
TRANSCONDUCTANCE	1 100	μMHOS
AMPLIFICATION FACTOR	100	

RESISTANCE COUPLED AMPLIFIER

PLATE SUPPLY VOLTAGE	100	100	250	VOLTS
PLATE LOAD RESISTOR	0.25	0.25	0.25	MEGOHM
CATHODE RESISTOR	0.0	10 000	4 000	OHMS
GRID CIRCUIT RESISTOR	6.0	1.0	1.0	MEGOHMS
GRID COUPLING CONDENSER	0.01	0.05	0.05	μf
VOLTAGE GAIN	35	35	52	

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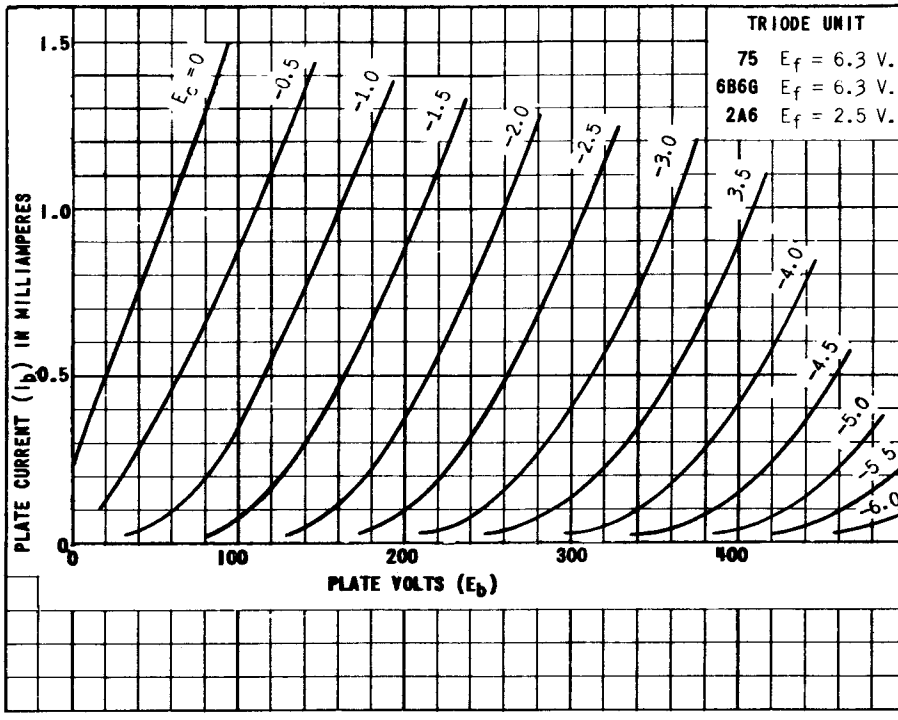

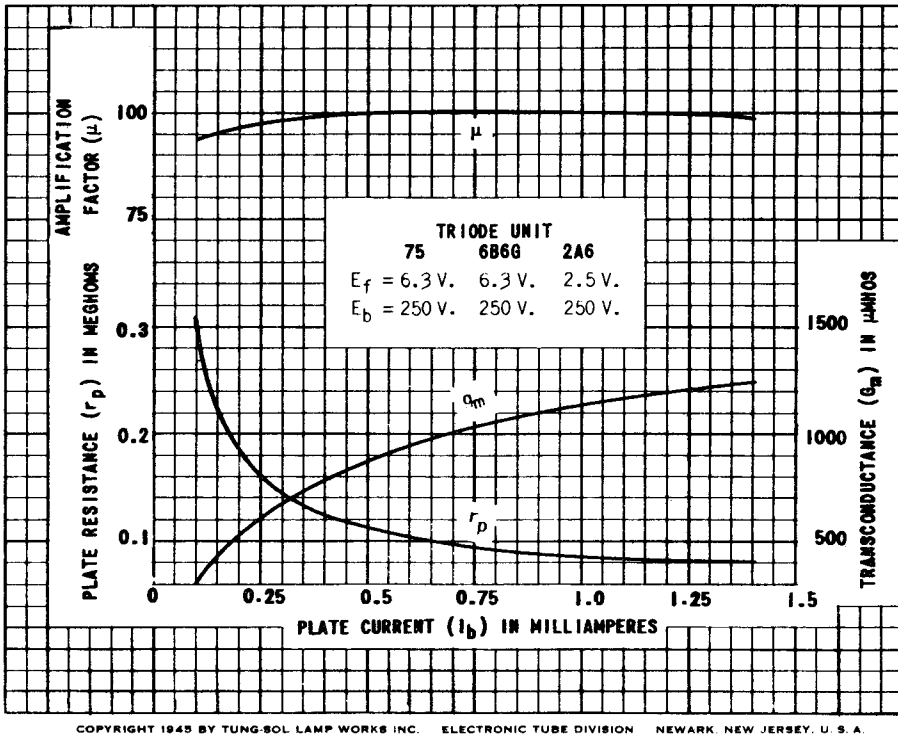

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