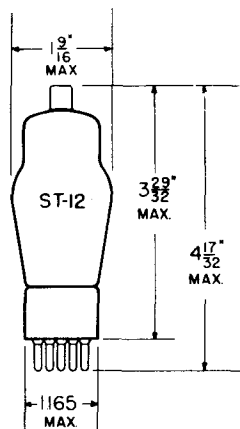


TUNG-SOL

**2A6, 75**SMALL METAL
CAPDUO-DIODE
HIGH-MU TRIODE AMPLIFIER

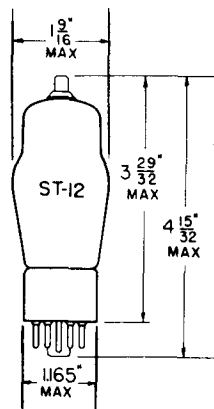
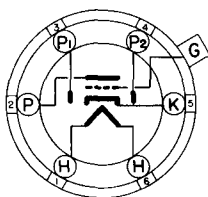
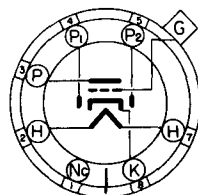
COATED UNIPOTENTIAL CATHODE

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 MB-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

TUNG-SOL

CONTINUED FROM PRECEDING PAGE.

DIRECT INTERELECTRODE CAPACITANCES (APPROX.)

TRIODE UNIT

GRID TO PLATE	1.7	$\mu\mu\text{f}$
INPUT	1.7	$\mu\mu\text{f}$
OUTPUT	3.8	$\mu\mu\text{f}$

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	

