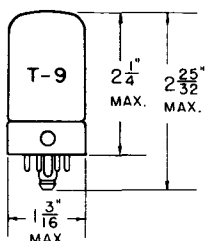


TUNG-SOL

TRIODE AMPLIFIER

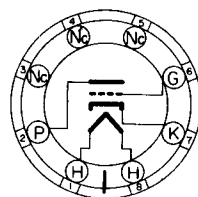
COATED UNIPOTENTIAL CATHODE



HEATER
6.3 VOLTS 0.3 AMPERE
AC OR DC

GLASS BULB

LOCKING-IN 8-PIN BASE



BOTTOM VIEW

THE 7A4 IS A MEDIUM-MU GENERAL PURPOSE TRIODE AMPLIFIER WITH HIGH TRANSCONDUCTANCE. IT IS PARTICULARLY APPLICABLE IN ULTRA HIGH FREQUENCY CIRCUITS.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD WB-210

MAXIMUM PLATE VOLTAGE	300	VOLTS
MAXIMUM PLATE DISSIPATION	2.5	WATTS
MINIMUM GRID VOLTAGE	0	VOLTS
MAXIMUM DC HEATER-CATHODE POTENTIAL	100	VOLTS
MAXIMUM CATHODE CURRENT	20	MA.

DIRECT INTERELECTRODE CAPACITANCES

WITH EXTERNAL SHIELD CONNECTED TO CATHODE

GRID TO PLATE	4.0	μf
INPUT	3.4	μf
OUTPUT	3.0	μf

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

PLATE VOLTAGE	90	250	VOLTS
GRID VOLTAGE ^A	0	-8	VOLTS
PLATE CURRENT	10	9.0	MA.
PLATE RESISTANCE	6 700	7 700	OHMS
TRANSCONDUCTANCE	3 000	2 600	μMHOS
AMPLIFICATION FACTOR	20	20	

^A THE DC RESISTANCE IN THE GRID CIRCUIT SHOULD NOT EXCEED 1 MEGOHM

