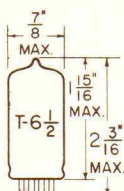


TUNG-SOL

DOUBLE TRIODE

MINIATURE TYPE



GLASS BULB

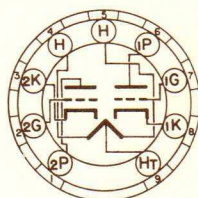
COATED UNIPOTENTIAL CATHODE

HEATER

12.6 VOLTS 0.45±10% AMPS

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW

SMALL BUTTON
9 PIN BASE

9A

THE 12AE7 IS A MINIATURE LOW-MU DISSIMILAR DOUBLE TRIODE IN THE 9 PIN MINIATURE CONSTRUCTION AND IS INTENDED FOR USE AS A DRIVER TUBE FOR THE AUDIO OUTPUT STAGE OF HYBRID AUTOMOBILE RADIOS.

DIRECT INTERELECTRODE CAPACITANCES

WITHOUT EXTERNAL SHIELD

	TRIODE #1	TRIODE #2	
GRID TO PLATE	3.9	3.4	μμf
INPUT	4.7	4.2	μμf
OUTPUT	0.75	0.85	μμf

RATINGS

INTERPRETED ACCORDING TO DESIGN CENTER SYSTEM

HEATER VOLTAGE	12.6	VOLTS
MAXIMUM PLATE VOLTAGE	16.0	VOLTS
MAXIMUM POSITIVE DC GRID VOLTAGE	0	VOLTS
MAXIMUM PLATE DISSIPATION	1.0	WATT
MAXIMUM GRID CIRCUIT RESISTANCE	1.5	MEG OHMS
MAXIMUM HEATER-CATHODE VOLTAGE:		
HEATER NEGATIVE WITH RESPECT TO CATHODE	16.0	VOLTS
HEATER POSITIVE WITH RESPECT TO CATHODE	16.0	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

	TRIODE #1	TRIODE #2	
HEATER VOLTAGE		12.6	VOLTS
HEATER CURRENT		0.45±10%	AMP.
PLATE VOLTAGE (EACH TRIODE)	12.6	12.6	VOLTS
GRID LEAK RESISTOR	1.5	1.0	MEG OHM
PLATE CURRENT	1.9	7.5	MA.
TRANSCONDUCTANCE	4000	6500	μMHOS
AMPLIFICATION FACTOR	13.0	6.4	
PLATE RESISTANCE	3150	985	OHMS

A RATINGS APPLY TO EACH SECTION UNLESS OTHERWISE STATED.

