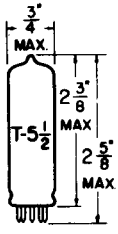
TUNG-SOL

TRIODE

MINIATURE TYPE



GLASS BULB

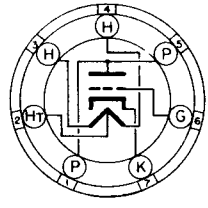
COATED UNIPOTENTIAL CATHODE

HEATER

12.6 VOLTS	6.3 VOLTS
0.15 AMP.	0.3 AMP.

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW

MINIATURE BUTTON
7 PIN BASE

7DW

THE 12H4 IS A MINIATURE GENERAL PURPOSE TRIODE VOLTAGE AMPLIFIER. FEATURING A HEATER CONSTRUCTION WHICH PERMITS OPERATION AT EITHER 6 OR 12 VOLTS SUPPLY. THIS TUBE IS NOT PARTICULARLY SUITED TO HIGH FREQUENCY SERVICE.

DIRECT INTERELECTRODE CAPACITANCES

	WITH SHIELD[A]	WITHOUT SHIELD	
GRID TO PLATE	3.4	3.4	μμf
INPUT	2.6	2.4	μμf
OUTPUT	3.2	0.9	μμf

[A] SHIELD #316 CONNECTED TO CATHODE.

RATINGS

INTERPRETED ACCORDING TO DESIGN CENTER SYSTEM

DESIGN CENTER VALUES

HEATER VOLTAGE	12.6	VOLTS
MAXIMUM HEATER-CATHODE VOLTAGE	±90	VOLTS
MAXIMUM PLATE VOLTAGE	300	VOLTS
MAXIMUM PLATE DISSIPATION	2.5	WATTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

HEATER VOLTAGE	12.6	12.6	VOLTS
HEATER CURRENT	0.15	0.15	AMP.
DC PLATE VOLTAGE	90	250	VOLTS
DC GRID VOLTAGE	0	-8	VOLTS
PLATE CURRENT	10	9	MA.
TRANSCONDUCTANCE	3 000	2 600	μMHOS
AMPLIFICATION FACTOR	20	20	
GRID VOLTAGE FOR 10 μA. PLATE CURRENT	-7	-18	VOLTS

SIMILAR TYPE REFERENCE: Electrically similar to 1/2 of type 6SN7GT.

→ INDICATES A CHANGE.

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