



ELECTRONIC TUBE REFERENCE

PT25H

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

High-efficiency Marconi power pentode for substantial Class A audio output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode

No fixed ratings recorded.

Published maximum ratings and characteristics audited; remaining useful numerical data retained in parameter table.

The PT25H is a high-efficiency power pentode capable of substantial class-A audio output.

SOURCE OPERATING CONDITIONS

1955 Marconi

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1955 MARCONI

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published value [1]	2 A	2\ FILAMENT CURRENT 2-0 AMPS.
Published value [2]	2 A	2\ FILAMENT CURRENT 2-0 AMPS.
Published value [3]	0 mA	2\ FILAMENT CURRENT 2-0 AMPS.
ANODE VOLTS S0	0	ANODE VOLTS S00MAX. .
Ar £ [1]	4100 ohm	Ar £4100. £60 Marconi PX25 is a low impedance
Ar £ [2]	6 ohm	Ar £4100. £60 Marconi PX25 is a low impedance
Ar £ [3]	5 ohm	Ar £4100. £60 Marconi PX25 is a low impedance
< J ' _'" {;, ' , 'ffif, ' , ' , ' , ' ? , ' , ' fi: """"' triode giving }bout	5	< J ' _'"{;, ' , 'ffif, ' , ' , ' , ' ? , ' , ' fi: """"' triode giving }bout 5 watts output in
A] T H [1]	4000 ohm	A] T H 4000 ohms, bias resistance 475 ohms,
A] T H [2]	475 ohm	A] T H 4000 ohms, bias resistance 475 ohms,
Published value [1]	1	1 7 T grid bias 30 volts.
Published value [2]	7	1 7 T grid bias 30 volts.
Published value [3]	30	1 7 T grid bias 30 volts.
VRN = il AULANENT CURRENT [1]	20 A	: VRN = il AULANENT CURRENT 20of efficiency pentode giving 10
VRN = il AULANENT CURRENT [2]	10 A	: VRN = il AULANENT CURRENT 20of efficiency pentode giving 10
S grid bias of only	16	S grid bias of only 16 volts,
bias resistance	240 ohm	bias resistance 240 ohms,
screen current	12.5 mA	screen current 12.5 mA,

TUBE TINKER

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