



ELECTRONIC TUBE REFERENCE

DPT

Power - Pentode Single (NOT beam) (under 10W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
PENTODE

High-efficiency indirectly heated Marconi output pentode designed to provide substantial output at approximately 200 V with comparatively small grid drive. Intended specifically as a receiver output valve.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	5
NOMINAL HEATER	16 V / 250 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
PLATE RESISTANCE	30000 Ω
TRANSCONDUCTANCE	0.003 S
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM SCREEN VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	8 W
<i>Published characteristics/ratings were promoted when unambiguous; remaining operating values are preserved in TUBE_SECTION_PARAMETER.</i>	

High-efficiency indirectly heated pentode giving a large output at 200 volts with comparatively small grid input; intended as an output valve.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

192X Marconi Valve

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

192X MARCONI VALVE

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage	200 V	Screen 200 V; grid bias -10 V
Anode current	40 mA	Anode 200 V; screen 200 V; grid bias -10 V



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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
Filament/heater voltage	16 V	—
Filament/heater current	250 mA	—
Maximum anode voltage	200 V	—
Maximum screen voltage	200 V	—
Maximum anode dissipation	8 W	—
Typical anode current	40 mA	—
Typical screen current	6 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification factor	90	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	30000 ohm	—
Transconductance	3000 uS	—