



ELECTRONIC TUBE REFERENCE

4052A

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Standard Valves thoriated-tungsten filament RF power pentode. Manufacturer documentation provides transmitting construction, limiting conditions, electrical constants, and operating data for radio-frequency power service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	5
NOMINAL HEATER	7.5 V / 3 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	500000 Ω
AMPLIFICATION FACTOR	1500
MAXIMUM PLATE VOLTAGE	1500 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	60 W
MAXIMUM SCREEN DISSIPATION	20 W
<i>Published ratings and characteristics promoted from approved datasheet.</i>	

4052A is a thoriated tungsten filament; RF power pentode. The Standard Valves sheet publishes construction, electrical constants, limiting conditions, and applicable operating data.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1937 Standard Valves

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

1937 STANDARD VALVES

Section 1 · Pentode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Control grid-anode capacitance	0.012 pF	—
Input capacitance	11 pF	—
Output capacitance	10 pF	—

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Control grid-anode capacitance	0.012 pF	Published capacitance
Input capacitance	1 pF	Published capacitance
Output capacitance	10 pF	Published capacitance