



ELECTRONIC TUBE REFERENCE

4053A

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Single-ended water-cooled triode with pure-tungsten filament, documented by Standard Valves with electrical constants, limiting conditions, and operating data.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	830 Ω
AMPLIFICATION FACTOR	65
MAXIMUM PLATE VOLTAGE	11000 V
MAXIMUM PLATE DISSIPATION	12000 W
<i>Published ratings and characteristics promoted from approved datasheet.</i>	

4053A is a single-ended water-cooled triode; pure tungsten filament. The Standard Valves sheet publishes construction, electrical constants, limiting conditions, and applicable operating data.

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 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-anode capacitance	40.5 pF	Published capacitance
Anode-filament capacitance	3.5 pF	Published capacitance
Grid-filament capacitance	36.5 pF	Published capacitance

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