

ELECTRONIC TUBE REFERENCE

4058B

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Single-ended water-cooled triode replacing 4058-A, documented by Standard Valves with electrical constants, limiting conditions, and applicable 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

SECTION1 Triode	
PLATE RESISTANCE	4800 Ω
TRANSCONDUCTANCE	0.0054 S
AMPLIFICATION FACTOR	26
MAXIMUM PLATE VOLTAGE	14000 V
MAXIMUM PLATE DISSIPATION	12000 W
MAXIMUM GRID DISSIPATION	250 W
MAXIMUM CATHODE CURRENT	2.5 A
Published ratings and characteristics promoted from approved datasheet.	

4058B is a single-ended water-cooled triode; replaces 4058-A. 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	34.5 pF	Published capacitance
Anode-filament capacitance	0.4 pF	Published capacitance
Grid-filament capacitance	27 pF	Published capacitance

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