

ELECTRONIC TUBE REFERENCE

5025760

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

High-power RF transmitting triode, Amperex 502/5760.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	7.5 V / 24 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0	Triode
AMPLIFICATION FACTOR	17
MAXIMUM PLATE DISSIPATION	1500 W
Class C RF operation: Va 3500 V, Ia 0.860 A, RF output 2175 W, grid bias -450 V.	



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Amperex Industrial

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

1958 AMPEREX INDUSTRIAL

Section 0 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	3500 V	Class C RF typical plate voltage

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	7.5 V	Filament voltage
Heater/filament current	24 A	Filament current

TUBE TINKER

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and their source documents.

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