



ELECTRONIC TUBE REFERENCE

ZB120

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Amperex zero-bias power triode for low-distortion Class B amplifier or modulator service, RF frequency multiplication, and conventional RF amplification. Moderate dissipation and high amplification factor provide versatile professional power.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	10.25 V / 2.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.005 S
AMPLIFICATION FACTOR	90
MAXIMUM PLATE VOLTAGE	1500 V
MAXIMUM PLATE DISSIPATION	75 W
Published general characteristics and maximum ratings promoted.	

Amperex zero-bias power triode for low-distortion Class B amplifier/modulator, RF frequency multiplying, and conventional RF power amplifier service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 Amperex

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

1953 AMPEREX

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-to-plate capacitance	5.2 pF	Direct interelectrode capacitance
Grid-to-filament capacitance	5.3 pF	Direct interelectrode capacitance
Plate-to-filament capacitance	3.2 pF	Direct interelectrode capacitance
Filament voltage	10.25 V	—
Filament current	2.5 A	—

TUBE TINKER

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