



ELECTRONIC TUBE REFERENCE

DX334

Specialized - Uncategorized electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

OTHER

Water-cooled gridless Neutron power tube designed as an amplifier or oscillator to approximately 5 MHz, with about 2 kW maximum anode dissipation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 6.1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Other	
TRANSCONDUCTANCE	0.004 S
AMPLIFICATION FACTOR	25
MAXIMUM PLATE VOLTAGE	5500 V
MAXIMUM PLATE DISSIPATION	2000 W
MAXIMUM CATHODE CURRENT	850 mA
Water-cooled gridless Neutron medium-frequency power amplifier/oscillator.	

The Amperex DX334 is a water-cooled gridless Neutron power tube designed as a medium-frequency amplifier or oscillator up to 5 MHz, with an integral water jacket and 2000 W maximum anode dissipation.

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 · Other

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	5 V	Published datasheet value
Heater/Filament Current	6.1 A	Published datasheet value
Maximum Plate/Anode Voltage	5500 V	Published datasheet value
Maximum Plate/Anode Dissipation	2000 W	Published datasheet value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	4000 μS	Published datasheet value
Amplification Factor	25	Published datasheet value