



ELECTRONIC TUBE REFERENCE

3DX4

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Triode for general electronic service. Available source material confirms triode construction but does not establish a narrower functional application confidently.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	3 V / 450 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	2700 Ω
TRANSCONDUCTANCE	0.011 S
AMPLIFICATION FACTOR	30
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	2.2 W
MAXIMUM CATHODE CURRENT	20 mA
<i>Published ratings and characteristics promoted where clearly applicable; additional source values retained as section parameters.</i>	

Printed heater variant in the 2DX4/3DX4/6DX4 UHF local-oscillator triode family.

SOURCE OPERATING CONDITIONS

1947 Westinghouse

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

1947 WESTINGHOUSE

Section 1 · Triode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	3 V	Published nominal/representative value
Heater or filament current	450 mA	Published nominal/representative value
Transconductance	11000 μ S	Published
Amplification factor	30	Published/promoted value

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate dissipation	2.2 W	Published
Typical oscillator frequency	1000 MHz	Published UHF oscillator condition
Plate supply voltage	100 V	At 1000 MHz
Plate current	14 mA	At 1000 MHz
Grid current	250 μ A	At 1000 MHz

TUBE TINKER

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