

ELECTRONIC TUBE REFERENCE

ZD3XH

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Forced-air-cooled thoriated-tungsten modulating power triode for audio or RF amplification through approximately 60 MHz and voltage-stabilizer service. Approximately 3 kW dissipation and 6 kV capability support substantial power.

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	
TRANSCONDUCTANCE	0.03 S
MAXIMUM PLATE VOLTAGE	6000 V
MAXIMUM PLATE DISSIPATION	3000 W
MAXIMUM GRID DISSIPATION	25 W
Semantically matched promoted fields only.	

Forced-air-cooled thoriated-tungsten modulating triode with 3 kW anode dissipation for AF or RF amplification up to 60 MHz and voltage-stabilizer service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Tesla

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

195X TESLA

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Dissipation	3000 W	—
Maximum Frequency	60 MHz	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tesla Tubes

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

1966 TESLA TUBES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
U _f	7–7.5 V	—
I _f	41 A–48 A	—
3HALIEHII\$I U _a max.	4 kV	—
U _a sp max.	6 kV	—
W _a max.	3 kW	—
W _{g1} max.	25 W	—
f max.	60 Mc/s	—
OXJ	1 A	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cg/k	38 pF	—
Ca/k	2.5 pF	—
Ca/g1	26 pF	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
S	30 mA/V	—
R _i	500 ohm	—
I _e	14 A	—

TUBE TINKER

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