

ELECTRONIC TUBE REFERENCE

XD32

Power - Tetrode (NOT beam) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TETRODE

Extremely high-power pulse tetrode for specialized pulsed service, rated around 65 kV anode voltage, 750 A peak anode current, and 25 kW average anode dissipation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6 V / 233 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
AMPLIFICATION FACTOR	4
MAXIMUM PLATE VOLTAGE	65000 V
MAXIMUM PLATE DISSIPATION	25000 W
MAXIMUM CATHODE CURRENT	750 A
Pulse tetrode maximum ratings promoted from printed specifications.	

XD32 is a special-purpose electron tube described in the approved Central Electronic Manufacturers datasheet.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Central Electronics

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

195X CENTRAL ELECTRONICS

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	6 V	Published datasheet value
Heater/Filament Current	233 A	Published datasheet value



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Central Electronic Tubes

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

1960 CENTRAL ELECTRONIC TUBES

Section 1 · Tetrode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6 V	—
Heater current	233 A	—
Amplification factor	4	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	65000 V	—
Peak anode current	750 A	—
Average anode dissipation	25000 W	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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