



ELECTRONIC TUBE REFERENCE

P5351E

Power - Tetrode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TETRODE

Special-purpose pulse tetrode equivalent to 715B, designed for high-voltage pulse-modulator service with approximately 15 kV plate capability and very high peak anode current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	26 V / 2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
MAXIMUM PLATE VOLTAGE	15000 V
MAXIMUM SCREEN VOLTAGE	1250 V
MAXIMUM PLATE DISSIPATION	60 W
MAXIMUM SCREEN DISSIPATION	8 W
MAXIMUM GRID DISSIPATION	1 W
<i>Published ratings/characteristics promoted where applicable.</i>	

Special-purpose pulse tetrode equivalent to American type 715B.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance	375 pF	Published datasheet value
Output capacitance	75 pF	Published datasheet value
Anode-grid capacitance	2 pF	Published datasheet value
Maximum peak anode current	15 A	Published datasheet value
Maximum negative grid voltage	1 kV	Published datasheet value
Maximum peak positive grid voltage	300 V	Published datasheet value
Maximum peak grid current	2 A	Published datasheet value



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Standard Valves

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

1947 STANDARD VALVES

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum average anode current	30 mA	—
Maximum peak anode current	15 A	DutyCycle<=0.001

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum positive control-grid voltage	250 V	Pulse
Maximum negative grid bias	-1000 V	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-anode capacitance	1.2 pF	—
Input capacitance	35 pF	—
Output capacitance	7 pF	—

TUBE TINKER

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