



ELECTRONIC TUBE REFERENCE

RS2002

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

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

Very-high-power Siemens tetrode with approximately 120 kW plate dissipation for commercial single-sideband transmitters.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	22 V / 350 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
TRANSCONDUCTANCE	0.19 S
AMPLIFICATION FACTOR	5.8
MAXIMUM PLATE VOLTAGE	15000 V
MAXIMUM SCREEN VOLTAGE	1600 V
MAXIMUM PLATE DISSIPATION	120000 W
MAXIMUM SCREEN DISSIPATION	3000 W
MAXIMUM GRID DISSIPATION	1400 W
<i>Maximum ratings kept separate from typical operating characteristics; fixed fields use published maximum-rating values where clearly applicable.</i>	

High-power transmitting tetrode with concentric electrode lead-throughs and metal-ceramic grid construction, especially suitable for commercial single-sideband transmitters.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Siemens

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

1963 SIEMENS

Section 1 · Tetrode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Ckg1	280 pF	—
Cgig2	330 pF	—
Crgz	38 pF	—

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