



ELECTRONIC TUBE REFERENCE

RS1082C

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

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

Very-high-power Siemens linear tetrode for commercial single-sideband transmitters to approximately 250 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	10 V / 200 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
TRANSCONDUCTANCE	0.065 S
AMPLIFICATION FACTOR	6
MAXIMUM PLATE VOLTAGE	10500 V
MAXIMUM SCREEN VOLTAGE	900 V
MAXIMUM PLATE DISSIPATION	25000 W
MAXIMUM SCREEN DISSIPATION	600 W
MAXIMUM GRID DISSIPATION	300 W
MAXIMUM CATHODE CURRENT	15 A
<i>Maximum ratings kept separate from typical operating characteristics; fixed fields use published maximum-rating values where clearly applicable.</i>	

Metal-ceramic transmitting tetrode for frequencies up to 250 MHz, particularly 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	110 pF	—
Cg1g2	150 pF	—
Cg2a	40 pF	—

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