



ELECTRONIC TUBE REFERENCE

RS1052C

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

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

Forced-air-cooled Siemens transmitting tetrode particularly suited to substantial television broadcast power.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	3.2 V / 80 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
TRANSCONDUCTANCE	0.017 S
AMPLIFICATION FACTOR	4.2
MAXIMUM PLATE VOLTAGE	3800 V
MAXIMUM PLATE DISSIPATION	3500 W
MAXIMUM SCREEN DISSIPATION	60 W
MAXIMUM GRID DISSIPATION	15 W
<i>Maximum ratings kept separate from typical operating characteristics; fixed fields use published maximum-rating values where clearly applicable.</i>	

Forced-air-cooled metal-ceramic transmitting tetrode with concentric screen-grid, control-grid and cathode lead-throughs, especially suitable for television 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
C _{gi}	28 pF	—
C _{ia}	0.05 pF	—
C _{gigz}	30 pF	—
C _{gZa}	19 pF	—