



ELECTRONIC TUBE REFERENCE

RS2054SK

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

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

High-power transmitting tetrode designed primarily for broadcast, FM, VHF, medium-wave, or short-wave transmitter RF power service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	15 V / 180 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
TRANSCONDUCTANCE	0.09 S
MAXIMUM PLATE VOLTAGE	24000 V
MAXIMUM SCREEN VOLTAGE	1600 V
MAXIMUM PLATE DISSIPATION	120000 W
MAXIMUM SCREEN DISSIPATION	3000 W
MAXIMUM GRID DISSIPATION	1000 W

Coaxial metal-ceramic transmitter tetrode, vapor-condensation-cooled, for high-power broadcast transmitters, modulators, PDM switching and RF amplifiers up to 150 MHz.

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

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	90 mA/V	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	24 kV	—