



ELECTRONIC TUBE REFERENCE

8529

Voltage - Pentode Remote Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Toshiba rugged semi-remote-cutoff micro-metal RF pentode. Its compact metal construction combines variable-gain high-frequency amplification with mechanical durability for demanding electronic equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	260000 Ω
TRANSCONDUCTANCE	0.0045 S
MAXIMUM PLATE VOLTAGE	165 V
MAXIMUM SCREEN VOLTAGE	155 V
MAXIMUM PLATE DISSIPATION	0.85 W

The Toshiba 8529 is a rugged semi-remote-cutoff micro-metal RF pentode.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1964 RMA EIA

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

1964 RMA EIA

Section 1 · Pentode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	150 mA	—
Plate-Grid Capacitance	0.015 pF	Maximum
Input Capacitance	4.2 pF	—
Output Capacitance	3.4 pF	—
Plate Voltage	100 V	ClassA
Screen Voltage	100 V	ClassA
Transconductance	4500 μ S	ClassA
Plate Resistance	260000 ohm	ClassA
Maximum Intended Frequency	300 MHz	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	165 V	—
Maximum Screen Voltage	155 V	—

TUBE TINKER

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and their source documents.

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