ELECTRONIC TUBE REFERENCE

6K6A

Voltage - Pentode High Frequency (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
PENTODE

Russian subminiature high-frequency pentode designed for RF voltage amplification. Its compact construction targets miniature radio-electronic equipment requiring small-signal high-frequency gain.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	6.3 V / 127 mA	**PARALLEL HEATER**	_ / _
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Pentode

TRANSCONDUCTANCE	0.0045 S
MAXIMUM PLATE DISSIPATION	1.3 W
MAXIMUM SCREEN DISSIPATION	0.4 W
MAXIMUM CATHODE CURRENT	15 mA

Values promoted from the complete filename-matched Russian entry only.

Subminiature high-frequency pentode for RF voltage amplification. Extracted and translated from the complete Russian entry corresponding to the PDF filename; neighboring page-break fragments were excluded.

SOURCE OPERATING CONDITIONS

SOURCE PDF

1981 Russian Tubes Katsnelson and Larionov

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

1981 RUSSIAN TUBES KATSNELSON AND LARIONOV

Section 1 · Pentode

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Plate current	**7.5 mA**	Translated from Russian source; filename-matched entry only
Heater current	**127 mA**	Translated from Russian source; filename-matched entry only
Maximum cathode current	**15 mA**	Translated from Russian source; filename-matched entry only
Maximum plate dissipation	**1.3 W**	Translated from Russian source; filename-matched entry only
Maximum screen dissipation	**0.4 W**	Translated from Russian source; filename-matched entry only

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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