ELECTRONIC TUBE REFERENCE

6J1BVR

Voltage - Pentode Sharp Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
PENTODE

High-frequency pentode designed for RF or wideband voltage amplification in radio-electronic equipment.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	–
NOMINAL HEATER	6.3 V / 185 mA	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Pentode

TRANSCONDUCTANCE	0.0053 S
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	125 V
MAXIMUM PLATE DISSIPATION	1.2 W
MAXIMUM SCREEN DISSIPATION	0.4 W
MAXIMUM CATHODE CURRENT	20 mA

Promoted ratings and characteristics translated from the filename-designated Russian entry only.

The 6J1BVR is a Russian ruggedized long-life subminiature high-frequency pentode for RF voltage amplification. The source entry was translated to English and processed independently from neighboring partial entries.

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

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Guaranteed service life	**5000 h**	Published source value
Nominal heater voltage	**6.3 V**	Published source value
Nominal heater current	**185 mA**	Published source value
Transconductance	**5300 uS**	Published operating point

TUBE TINKER

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