ELECTRONIC TUBE REFERENCE

6L1P

Heptode electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
HEPTODE

Russian high-frequency heptode with hysteretic transfer characteristic for fast discriminators, binary storage, counters, switching, and limiting circuits.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	6.3 V / 320 mA	**PARALLEL HEATER**	_ / _
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Heptode

MAXIMUM PLATE VOLTAGE	800 V
MAXIMUM SCREEN VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	8 W
MAXIMUM SCREEN DISSIPATION	0.8 W

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

High-frequency heptode with hysteretic transfer characteristic for fast discriminators, binary storage/counters, switching and limiting circuits. 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 · Heptode

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Plate current	**16.5 mA**	Translated from Russian source; filename-matched entry only
Maximum plate voltage	**800 V**	Translated from Russian source; filename-matched entry only
Maximum screen voltage	**200 V**	Translated from Russian source; filename-matched entry only
Maximum plate dissipation	**8 W**	Translated from Russian source; filename-matched entry only
Maximum screen dissipation	**0.8 W**	Translated from Russian source; filename-matched entry only
Service life minimum	**500 h**	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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