



ELECTRONIC TUBE REFERENCE

6J10PER

Voltage - Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Extended-reliability Russian wideband pentode for RF voltage amplification and frequency conversion. High transconductance, long guaranteed service life, and ruggedized construction suit professional high-frequency equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 280 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	100000 Ω
TRANSCONDUCTANCE	0.0095 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	120 V
MAXIMUM PLATE DISSIPATION	3 W
MAXIMUM SCREEN DISSIPATION	0.75 W
MAXIMUM CATHODE CURRENT	35 mA
<i>Promoted ratings and characteristics translated from the filename-designated Russian entry only.</i>	

The 6J10PER is a Russian extended-reliability wideband high-frequency pentode for RF voltage amplification and frequency conversion. 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	280 mA	Published source value
Transconductance	9500 μS	Published operating point
Plate resistance	100000 Ohm	Published operating point

TUBE TINKER

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and their source documents.

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