



## ELECTRONIC TUBE REFERENCE

## 6J3PE

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

**1 SECTION**  
CONSTRUCTION  
**BEAMPOWER**

Enhanced Russian RF beam-power tube for transmitting and oscillator applications, combining moderate power capability with construction intended for dependable high-frequency service.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | 8             |
| NOMINAL HEATER      | 6.3 V / 300 mA    | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                                        |       |
|------------------------------------------------------------------------|-------|
| <b>SECTION 1</b> Beam Power                                            |       |
| MAXIMUM PLATE VOLTAGE                                                  | 330 V |
| MAXIMUM SCREEN VOLTAGE                                                 | 165 V |
| <i>Values promoted where clearly identifiable from Russian source.</i> |       |

Long-life beam tetrode for high-frequency voltage amplification.

## 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 · Beam Power

| CHARACTERISTIC    |                 |                                                 |
|-------------------|-----------------|-------------------------------------------------|
| PARAMETER         | PUBLISHED VALUE | CONDITION / NOTE                                |
| Plate current     | 7 mA            | Published Russian-source value; OCR-normalized. |
| Screen current    | 2               | Published Russian-source value; OCR-normalized. |
| Input capacitance | 1.2             | Published Russian-source value; OCR-normalized. |
| Plate current     | 10.25 mA        | Published Russian-source value; OCR-normalized. |
| Screen current    | 2.2 mA          | Published Russian-source value; OCR-normalized. |
| Heater current    | 300 mA          | Nominal/published heater value.                 |

## TUBE TINKER

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

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