

Sharp-cutoff pentode designed for RF, IF, wide-band, or high-frequency voltage-amplifier service.

GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | B9A               | BASE PINS            | 9             |
| NOMINAL HEATER      | 6.3 V / 440 mA    | PARALLEL HEATER      | – / –         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

SECTION RATINGS

|                                                                                                                       |         |
|-----------------------------------------------------------------------------------------------------------------------|---------|
| SECTION1 Pentode                                                                                                      |         |
| TRANSCONDUCTANCE                                                                                                      | 0.028 S |
| MAXIMUM PLATE VOLTAGE                                                                                                 | 150 V   |
| MAXIMUM SCREEN VOLTAGE                                                                                                | 150 V   |
| MAXIMUM PLATE DISSIPATION                                                                                             | 4.9 W   |
| MAXIMUM SCREEN DISSIPATION                                                                                            | 1.15 W  |
| MAXIMUM CATHODE CURRENT                                                                                               | 40 mA   |
| English specification/electrical-characteristics text used as primary source; Russian only as corroboration/fallback. |         |

The 6XIIM-E high-frequency short-characteristic craxoit 6)K111I-E npensasnayed Ijid YCHIEHHS Hamps-pentode has been designed for voitage amplification in KEHAA B IUHPOKOMOJIOCHBIX YCHIIHTENSAX.



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 195X Russian

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

## 195X RUSSIAN

## Section 1 · Pentode

| CHARACTERISTIC   |                 |                                                  |
|------------------|-----------------|--------------------------------------------------|
| PARAMETER        | PUBLISHED VALUE | CONDITION / NOTE                                 |
| Heater voltage   | 6.3 V           | Published heater condition.                      |
| Heater current   | 440 mA          | Published heater current.                        |
| Transconductance | 28000 $\mu$ S   | Published characteristic; normalized to $\mu$ S. |

| OTHER                 |                 |                                         |
|-----------------------|-----------------|-----------------------------------------|
| PARAMETER             | PUBLISHED VALUE | CONDITION / NOTE                        |
| Maximum plate voltage | 150 V           | Published limiting/specification value. |

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