

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

GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | 8             |
| NOMINAL HEATER      | 7.35 V / 425 mA   | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

SECTION RATINGS

|                                                                               |           |
|-------------------------------------------------------------------------------|-----------|
| SECTION1 Pentode                                                              |           |
| TRANSCONDUCTANCE                                                              | 0.00185 S |
| English-primary bilingual extraction; published ratings promoted where clear. |           |

High-frequency pentode with a short characteristic curve 7X12C BBICOKOYACTOTHBIH MEHTOA C KOPOTKOH Xapak- The 7)K12C high-frequency pentode with a Tepuctukoit 7)K12C npenHasHauen AJAs1 YCHJICHHSA short characteristic is designed for amplification

## 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

| CHARACTERISTICS                                          |                 |                                                                                                     |
|----------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------|
| PARAMETER                                                | PUBLISHED VALUE | CONDITION / NOTE                                                                                    |
| High-frequency pentode with a short characteristic curve | <b>7 A</b>      | High-frequency pentode with a short characteristic curve 7X12C                                      |
| BBICOKOYACTOTHBIH MEHTOA C KOPOTKOH Xapak- The           | <b>7 A</b>      | BBICOKOYACTOTHBIH MEHTOA C KOPOTKOH Xapak- The 7)K12C high-frequency pentode with a                 |
| Tepuctukoit                                              | <b>7</b>        | Tepuctukoit 7)K12C npenHasHauen AJAs1 YCHJICHHSA short characteristic is designed for amplification |
| Bricokouacrotrnele nentoxnl                              | <b>77</b>       | Bricokouacrotrnele nentoxnl 7)K12C BmInyc- The 77K12C high-frequency pentodes are erclo-            |
| Bricokouactorable nentoarl                               | <b>7</b>        | Bricokouactorable nentoarl 7)K12C ycroiulusnl                                                       |
| K B0                                                     | <b>77</b>       | K B03JAEHCTBUIO OKpyxaiollledl TeMnepaTypsl or —60 The 77K12C high-frequency pentodes are resis-    |
| Published electrical value                               | <b>989</b>      | o +70°C u OTHOCHTeJLHOH BLaXHOCTH 95—989Y,                                                          |
| IlapantupoBanHas pgoaroseuHocts                          | <b>1000</b>     | IlapantupoBanHas pgoaroseuHocts 1000 uacos. Service life guarantee: 1000 hr.                        |
| Published electrical value                               | <b>3</b>        | 3JIEKTPHYECKHE JAHHBIE                                                                              |
| Ugs                                                      | <b>500 V</b>    | Ugs 133 V Igo 1,050,55 mA R; 500 kQ                                                                 |
| Published electrical value                               | <b>1</b>        | 1) Tipu                                                                                             |
| Al Uglmep =                                              | <b>60</b>       | Al Uglmep =19V, R, =60 k.                                                                           |
| Cgix                                                     | <b>0.03 pF</b>  | Cgix 5:8%12 pF C,,, gla <0,03pF                                                                     |
| NPEAEJABHO JONYCTHMBIE                                   | <b>3</b>        | NPEAEJABHO JONYCTHMBIE 3KCNJYATALULHOHHBIE JAHHBIE                                                  |
| Ug                                                       | <b>150 V</b>    | Ug2 180 V Ukh 150 V                                                                                 |
| Published electrical value                               | <b>10.5</b>     | 15,5 maza 10,5max                                                                                   |

| PARAMETER                  | PUBLISHED VALUE | CONDITION / NOTE       |
|----------------------------|-----------------|------------------------|
| Published electrical value | 125             | 125 mex                |
| Published electrical value | 3               | 10 Y ey bav/, 3        |
| Published electrical value | 3               | 3 — AVay,              |
| Published electrical value | 7               | 4 (7% / /r 'qul/'fi    |
| '''' Pa max Ug             | 0               | '''' Pa max Ug3=0 Ug=0 |

| OTHER     |                 |                                              |
|-----------|-----------------|----------------------------------------------|
| PARAMETER | PUBLISHED VALUE | CONDITION / NOTE                             |
| Hau       | 50              | Hau6onbmuin Bec 50 e. Maximum weight: 50 gr. |

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