



ELECTRONIC TUBE REFERENCE

1C11P

Rectifier - TV Line Scan Boost electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Russian filamentary high-voltage rectifier specifically designed to rectify television line-scan flyback pulses into the CRT accelerating-voltage supply.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.2 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
MAXIMUM CATHODE CURRENT	0.3 mA
PEAK INVERSE VOLTAGE	20000 V
NOMINAL OUTPUT CURRENT	0.3 mA
PEAK FORWARD CURRENT	2 mA
<i>REDO promoted fields populated from published specification/maximum-rating tables where applicable.</i>	

The 1C11P is a directly heated high-voltage kenotron for rectifying line-scan flyback pulse voltage.

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 · Rectifier

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage	100 V	Published test point
Anode current	4 mA	Published test point
Anode-cathode capacitance	0.8 pF	Published value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak reverse voltage	20 kV	Pulse duration <=12 us
Rectified current	300 uA	Average
Peak anode current	2 mA	Pulse
Line scanning frequency	12 kHz	Minimum