

ELECTRONIC TUBE REFERENCE

1C7S

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Russian directly heated high-voltage pulse rectifier.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.25 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0 Rectifier	
PEAK INVERSE VOLTAGE	30000 V
HF pulse rectification; anode 100 V, current 4 mA; filament current range 0.18-0.22 A.	

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Russian Receiving

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

2026 RUSSIAN RECEIVING

Section 0 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak inverse plate voltage total DC plus peak	30000 V	Maximum reverse anode voltage
Heater/filament voltage	1.25 V	Nominal filament voltage
Heater/filament current	200 mA	Filament current nominal; 0.18-0.22 A

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Average plate current	4 mA	Anode current (not nominal rectifier output rating)

TUBE TINKER

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and their source documents.

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