



ELECTRONIC TUBE REFERENCE

2G473C

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated xenon-filled half-wave rectifier for high-voltage, high-current power conversion. Rated for approximately 13 kV peak inverse voltage, 1.25 A DC output, and 6 A peak current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 1 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	13000 V
NOMINAL OUTPUT CURRENT	1.25 A
PEAK FORWARD CURRENT	6 A
FORWARD VOLTAGE DROP	13 V
Extracted semantically from complete approved datasheet.	

Xenon-filled half-wave rectifier.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Supply frequency	50 Hz	ChokeInputFilter
Minimum cathode heating time	30 s	—
Maximum fault anode current	25 A	—
Maximum fault-current duration	0.1 s	—

TUBE TINKER

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and their source documents.

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