



ELECTRONIC TUBE REFERENCE

CV3587

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated high-vacuum half-wave rectifier with thoriated-tungsten filament for very-high-voltage supplies. Its heavy filament and tens-of-kilovolts capability suit substantial professional power systems.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B4A	BASE PINS	4
NOMINAL HEATER	5 V / 10 A	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
MAXIMUM PLATE DISSIPATION	60 W
PEAK INVERSE VOLTAGE	30000 V
NOMINAL OUTPUT CURRENT	150 mA
PEAK FORWARD CURRENT	600 mA
<i>Explicit alias/co-designation; values duplicated from the same approved source.</i>	

Half-wave high-vacuum rectifier; thoriated-tungsten filament.

SOURCE OPERATING CONDITIONS

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
Maximum anode dissipation	60 W	—
Maximum peak anode current	600 mA	PIV=15kV
Maximum average anode current	150 mA	PIV=15kV

TUBE TINKER

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and their source documents.

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