



ELECTRONIC TUBE REFERENCE

2X3000F

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Forced-air-cooled external-anode Eimac high-vacuum rectifier for severe high-power service involving high inverse voltage, frequency, temperature, or transient conditions.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	7.5 V / 51 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
MAXIMUM PLATE DISSIPATION	3000 W
PEAK INVERSE VOLTAGE	25000 V
NOMINAL OUTPUT CURRENT	3 A
PEAK FORWARD CURRENT	20 A
<i>Published per-tube maximum ratings promoted from the source.</i>	

The Eimac 2X3000F is a high-vacuum forced-air-cooled external-anode diode for high-power rectifier service under severe PIV, frequency, temperature, or transient conditions.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 Eimac

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

1962 EIMAC

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Single-Phase Full-Wave DC Output Current	6 A	ChokeInputFilter; TwoTubes
Three-Phase Full-Wave DC Output Current	9 A	ChokeInputFilter; SixTubes