

VH3

Rectifier - Half Wave electronic tube

Directly heated high-voltage rectifier for electronic DC supplies. Its roughly 12 kV inverse-voltage capability and moderate current suit specialized power systems.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	3 V / 3.15 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	12000 V
NOMINAL OUTPUT CURRENT	125 mA
PEAK FORWARD CURRENT	50 mA
Published ratings and characteristics promoted from the approved datasheet.	

High-voltage directly heated rectifier.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

194X Wehrmacht Rohren

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

194X WEHRMACHT ROHREN

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Inverse voltage RMS	12 kV	Published datasheet value
Anode current maximum	130 mA	Published datasheet value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode current minimum	120 mA	Published datasheet value