



ELECTRONIC TUBE REFERENCE

V10.0220

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

The V10.0220, corresponding to the Russian V1-0.02/20 designation, is a directly heated high-voltage vacuum rectifier intended for continuous and pulsed RF equipment. Its carbonized-tungsten cathode and glass envelope support operation with peak inverse voltages up to 20 kilovolts under specified conditions.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / —	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	20000 V
NOMINAL OUTPUT CURRENT	20 mA
<i>Russian V1-0.02/20 directly heated HV rectifier. 2.5 V filament, 2.8–3.2 A range; continuous anode current max 20 mA, pulse current max 100 mA, warmup ≤2 s. No nominal filament current inferred.</i>	

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