



ELECTRONIC TUBE REFERENCE

MI320

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
MAGNETRON

Russian pulsed microwave magnetron, 1883-1889 MHz, output power 9-11 kW and 9-11 MW pulsed.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	7.5 V / 200 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 0 Magnetron

No fixed ratings recorded.

Cathode Type: Oxide, Indirect Heating: Envelope: Metal-Ceramic, Not-Batched: Mass, Kg: 70: Cooling Method: Forced Water: Frequency Range: 1886MHz: Frequency Range Minimum: 1883MHz: Frequency Range Maximum: 1889MHz: Output Power: 9-11kW/9-11MW in pulse: Frequency Pulling, Mhz: 6: Filament Voltage, V: 7.5: Filament Voltage, V Minimum: 5: Filament Voltage, V Maximum: 10: Filament Current, A: 200: Filament Current, A Minimum: 190: Filament Current, A Maximum: 210: Anode Voltage, Kv: 50: External Loading Agreement Coefficient: 1.5: Pulse Duration, Us: 5: Space Factor Or Pulse Repeating Frequency: 200Hz

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker