ELECTRONIC TUBE REFERENCE

MI328

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MAGNETRON

Russian pulsed microwave magnetron, 1808-1828 MHz, output power 22 kW and 6 MW pulsed.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	–
NOMINAL HEATER	10 V / 155 A	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION0 Magnetron

No fixed ratings recorded.

Cathode Type: Oxide-Yttric, Indirect Heating: Envelope: Metal-Ceramic, Not-Batched, Mechanically Tunable: Mass, Kg: 50: Cooling Method: Forced Water: Frequency Range: 1818MHz: Frequency Range Minimum: 1808MHz: Frequency Range Maximum: 1828MHz: Output Power: 22kW/6MW in pulse: Frequency Pulling, Mhz: 5.5: Filament Voltage, V: 10: Filament Current, A: 155: Filament Current, A Minimum: 130: Filament Current, A Maximum: 180: Anode Voltage, Kv: 42.5: Anode Voltage, Kv Minimum: 35: Anode Voltage, Kv Maximum: 50: External Loading Agreement Coefficient: 1.3: Pulse Duration, Us: 1.4: Pulse Duration, Us Minimum: 0.5: Pulse Duration, Us Maximum: 2.2: Space Factor Or Pulse Repeating Frequency: 0.003

Tube Tinker

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

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