ELECTRONIC TUBE REFERENCE

MI51

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MAGNETRON

Russian pulsed microwave magnetron, 9490 MHz, 65 W output power.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	–
NOMINAL HEATER	6.3 V / 1 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: Indirect Heating: Envelope: Metal: Mass, Kg: 0.6: Cooling Method: Forced Air: Frequency Range: 9490MHz: Frequency Range Minimum: 9460MHz: Frequency Range Maximum: 9520MHz: Output Power: 65W: Frequency Pulling, Mhz: 15: Filament Voltage, V: 6.3: Filament Current, A: 1: Filament Current, A Minimum: 0.9: Filament Current, A Maximum: 1.1: Anode Voltage, Kv: 12: Anode Voltage, Kv Minimum: 11: Anode Voltage, Kv Maximum: 13: External Loading Agreement Coefficient: 1.1: Pulse Duration, Us: 1: Space Factor Or Pulse Repeating Frequency: 0: Space Factor Or Pulse Repeating Frequency Minimum: 0.0001: Space Factor Or Pulse Repeating Frequency Maximum: 0.0004

Tube Tinker

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