ELECTRONIC TUBE REFERENCE

MI29MV

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MAGNETRON

Russian pulsed microwave magnetron operating at 2995-3025 MHz with 900 W output power.

General characteristics

BASE DESIGNATION	—	**BASE PINS**	—
NOMINAL HEATER	12.6 V / 3.3 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, Indirect Heating: Envelope: Metal, Not-Batched: Mass, Kg: 2.6: Cooling Method: Forced Air: Frequency Range: 3010MHz: Frequency Range Minimum: 2995MHz: Frequency Range Maximum: 3025MHz: Output Power: 900W: Frequency Pulling, Mhz: 10: Tuning Transconductance: 0.3MHz/A: Filament Voltage, V: 12.6: Filament Current, A: 3.3: Filament Current, A Minimum: 3: Filament Current, A Maximum: 3.6: Anode Voltage, Kv: 28: Anode Voltage, Kv Minimum: 26: Anode Voltage, Kv Maximum: 30: External Loading Agreement Coefficient: 1.1: Pulse Duration, Us: 2.5: Space Factor Or Pulse Repeating Frequency: 400Hz

Tube Tinker

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

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