



ELECTRONIC TUBE REFERENCE

MI345

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
MAGNETRON

Russian pulsed microwave magnetron, 8850 MHz, 550 kW output power.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 5 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: Indirect Heating; Envelope: Metal-Ceramic, Batched, Magnetically Shielded, Mechanically; Tunable; Mass, Kg: 5.5; Cooling Method: Natural; Frequency Range: 8850MHz; Frequency Range Minimum: 8845MHz; Frequency Range Maximum: 8855MHz; Output Power: 550kW; Filament Voltage, V: 6.3; Filament Current, A: 5; Filament Current, A Minimum: 4.5; Filament Current, A Maximum: 5.5; Anode Voltage, Kv: 28; Anode Voltage, Kv Minimum: 26; Anode Voltage, Kv Maximum: 30; External Loading Agreement Coefficient: 1.1; Pulse Duration, Us: 0.9; Pulse Duration, Us Minimum: 0.8; Pulse Duration, Us Maximum: 1; Space Factor Or Pulse Repeating Frequency: 0; Space Factor Or Pulse Repeating Frequency Minimum: 0.0001; Space Factor Or Pulse Repeating Frequency Maximum: 0.00025

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