



ELECTRONIC TUBE REFERENCE

MI338

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
MAGNETRON

Russian pulsed microwave magnetron for mobile equipment, 1767-1797 MHz, 2 kW output power.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 2.6 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, Mechanically Tunable; Mass, Kg: 1.2; Cooling Method: Natural; Frequency Range: 1782MHz; Frequency Range Minimum: 1767MHz; Frequency Range Maximum: 1797MHz; Output Power: 2kW; Output Power Minimum: 1kW; Output Power Maximum: 3kW; Frequency Pulling, Mhz: 7; Filament Voltage, V: 6.3; Filament Current, A: 2.6; Filament Current, A Minimum: 2.4; Filament Current, A Maximum: 2.8; Anode Voltage, Kv: 2.2kV; Anode Voltage, Kv Minimum: 2kV; Anode Voltage, Kv Maximum: 2.3kV; External Loading Agreement Coefficient: 1.4; External Loading Agreement Coefficient Minimum: 1.2; External Loading Agreement Coefficient Maximum: 1.5; Pulse Duration, Us: 0.5; Space Factor Or Pulse Repeating Frequency: 455Hz; Specifications