

ELECTRONIC TUBE REFERENCE

MI339

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MAGNETRON

Russian pulsed microwave magnetron, 3060 MHz, 25 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

SECTION0 Magnetron
No fixed ratings recorded. Navigation radar pulse magnetron; oxide indirectly heated cathode; metal-ceramic envelope; mass 1.7 kg; forced-air cooling; frequency 3050 to 3070 MHz, nominal 3060 MHz; output power 25 kW; frequency pulling 10 MHz; filament 6.3 V, 2.6 A (2.4 to 2.8 A); anode 7.7 kV; external loading coefficient 1.35; pulse duration 0.535 microseconds (0.07 to 1); space factor 0.001 (0.0002 to 0.001).

TUBE TINKER

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and their source documents.

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