

ELECTRONIC TUBE REFERENCE

2M69

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

MAGNETRON

Low-voltage continuous-wave magnetron for microwave heating and cooking, using a permanent magnet and forced-air cooling for compact sustained-power operation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 20 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Magnetron	
MAXIMUM PLATE VOLTAGE	2750 V
Low-voltage CW magnetron for microwave heating/cooking; permanent magnet and forced-air cooling.	

Low-voltage CW magnetron for microwave heating/cooking; permanent magnet and forced-air cooling.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1982 Toshiba

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1982 TOSHIBA

Section 1 · Magnetron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency	2450 MHz	—
Average Anode Current	1000 mA	—
Power Output	1500 W	—
Anode Power Input	2.8 kW	—
Load VSWR	4	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode Preheating Time	5 sec	—