ELECTRONIC TUBE REFERENCE

MC5A

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MAGNETRON

Continuous-wave magnetron designed for industrial microwave heating, drying, food processing, or furnace service, with cooling arrangement appropriate to the specific type.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	5.5 V / 6.6 A	**PARALLEL HEATER**	_ / _
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Magnetron

No fixed ratings recorded.

Representative electrical section; repeated identical sections are compressed where applicable.

Continuous-wave 5 kW magnetron for microwave heating equipment such as microwave ovens and industrial furnaces, using antenna output coupling.

SOURCE OPERATING CONDITIONS

196X Lamina

SOURCE PDF

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

196X LAMINA

Section 1 · Magnetron

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Frequency	**2375 +/- 50 MHz**	—
Output power	**5 kW**	—

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Cooling	**water and air**	—

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