



ELECTRONIC TUBE REFERENCE

JP97A

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
MAGNETRON

Forced-air-cooled packaged fixed-frequency X-band pulsed magnetron, equivalent to 2J42 except for operating frequency.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Magnetron

No fixed ratings recorded.

Pulsed magnetron; source refers electrical data to 2J42 except for operating frequency.

Forced-air-cooled packaged pulsed magnetron for fixed-frequency X-band service; equivalent to 2J42 except frequency. Published ratings, characteristics, operating data, capacitances, microwave/noise data, or gauge-head data were retained according to the physical device and mapped only to compatible locked-schema fields.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips E-Z

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

1999 PHILIPS E-Z

Section 1 · Magnetron

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency range	9210–9270 MHz	—
Minimum peak output power	7 kW	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Electrical data reference	2J42	EquivalentExceptFrequency