

ELECTRONIC TUBE REFERENCE

2J49

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
MAGNETRON

Pulsed microwave magnetron designed for oscillator service.

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

SECTION1 Magnetron
No fixed ratings recorded.
Published ratings/characteristics are additionally preserved in TUBE_SECTION_PARAMETER.

2J49 is a pulsed microwave magnetron for oscillator service. The supplied Philips datasheet was read for construction, ratings, characteristics, operating data, and stated applications.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips 0-D

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

1999 PHILIPS 0-D

Section 1 · Magnetron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
output power Wop »	40 kW	output power Wop » 40 kW. These magneirons require an ex-
input powers greater than	150 W	input powers greater than 150 W immediately after applying

TUBE TINKER

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