ELECTRONIC TUBE REFERENCE

5J26

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MAGNETRON

Mechanically tunable high-power pulsed magnetron designed for radar and related short-pulse microwave service over its specified tuning range.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	–
NOMINAL HEATER	– / 2.24 A	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Magnetron

MAXIMUM PLATE VOLTAGE	31000 V

Published ratings and typical characteristics promoted where applicable.

Forced-air-cooled tunable high-power pulse magnetron, 1220-1350 MHz. The record is based on the supplied manufacturer datasheet, including published ratings, characteristics, and intended applications.

SOURCE OPERATING CONDITIONS

1999 Philips 0-D

SOURCE PDF

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

1999 PHILIPS 0-D

Section 1 · Magnetron

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Peak anode current	**60 A**	Maximum
Peak anode voltage	**31 kV**	Maximum
Pulse duration	**6 us**	Maximum
Peak output power	**500 kW**	Greater than

TUBE TINKER

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