

ELECTRONIC TUBE REFERENCE

2J56

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

MAGNETRON

Amperex pulsed magnetron designed for radar and high-intensity RF pulse 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.
Amperex pulsed magnetron for radar/high-intensity RF pulse service.

2J56 is a Magnetron device. Amperex pulsed magnetron for radar/high-intensity RF pulse service. Published operating, rating, and characteristic data from the supplied page were preserved in the technical output.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Amperex Industrial

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

1958 AMPEREX INDUSTRIAL

Section 1 · Magnetron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency	9215–9275 MHz	—
Pulsed RF output power	40 kW	Pulsed
Average RF output power	40 W	Pulsed
Pulsed plate voltage	12 kV	Pulsed
Pulsed plate current	12 A	Pulsed
Average plate current	12 mA	Pulsed
Magnetic field	Packaged	—
Duty factor	0.001	Pulsed

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