ELECTRONIC TUBE REFERENCE

2J62A

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MAGNETRON

Ruggedized tunable pulsed magnetron oscillator, fully interchangeable with the 2J62.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	–
NOMINAL HEATER	6.3 V / 1.5 A	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Magnetron	
MAXIMUM PLATE VOLTAGE	14000 V
MAXIMUM PLATE DISSIPATION	200 W
MAXIMUM CATHODE CURRENT	15 A

Published ratings and characteristics promoted where clearly stated.

Ruggedized tunable pulsed magnetron oscillator, fully interchangeable with type 2J62.

SOURCE OPERATING CONDITIONS

1938 Raytheon

SOURCE PDF

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

1938 RAYTHEON

Section 1 · Magnetron

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	**6.3 V**	Published nominal value
Heater or filament current	**1.5 A**	Published nominal value
Operating frequency	**2967 MHz**	Published nominal frequency
Magnetic field strength	**1300 gauss**	Published operating value

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RF power output	**60000 W**	Published operating condition
Maximum anode voltage	**14000 V**	Published maximum or peak rating
Maximum anode current	**15 A**	Published peak rating
Maximum anode dissipation	**200 W**	Published rating

Tube Tinker

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