ELECTRONIC TUBE REFERENCE

X1084

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MAGNETRON

Rugged ceramic-metal voltage-tunable magnetron covering approximately 300–600 MHz, designed for long-life swept-frequency service.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	6.3 V / 800 mA	**PARALLEL HEATER**	_ / _
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Magnetron

MAXIMUM PLATE VOLTAGE	1800 V
MAXIMUM CATHODE CURRENT	10 mA

The Eimac X-1084 is a ruggedized ceramic-metal packaged voltage-tunable magnetron for 300–600 MHz, designed for long-life swept-frequency service.

SOURCE OPERATING CONDITIONS

1962 Eimac

SOURCE PDF

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

1962 EIMAC

Section 1 · Magnetron

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Frequency Range	**300–600 MHz**	—
Warm-up Time	**60 s**	—

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Maximum Injection Anode Voltage	**500 V**	—
Maximum Injection Anode Current	**0.5 mA**	—
Typical Output Power	**50-200 mW**	—
Maximum Anode Dissipation	**18 W**	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

Catalog Tube types Full books Blog Feedback & corrections

© 2026 Tube Tinker