ELECTRONIC TUBE REFERENCE

X1088B

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MAGNETRON

Low-noise P-band voltage-tunable magnetron covering approximately 520–925 MHz for swept-frequency continuous-wave source applications.

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	2300 V
MAXIMUM CATHODE CURRENT	10 mA

The Eimac X-1088B is a low-noise P-band voltage-tunable magnetron covering 520–925 MHz.

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	**520–925 MHz**	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Injection Anode Voltage	**300 V**	—
Maximum Injection Anode Current	**1 mA**	—
Typical Output Power	**30-50 mW**	—