

ELECTRONIC TUBE REFERENCE

X1113

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

KLYSTRON

Two-cavity microwave klystron intended for operation near 35 GHz, providing at least two watts output with blower or conduction cooling.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1	Klystron
No fixed ratings recorded.	

The Eimac X-1113 is a two-cavity microwave klystron intended for operation near 35 GHz, with at least 2 W output and blower or conduction cooling.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 Eimac

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

1962 EIMAC

Section 1 · Klystron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency Setting	35000 MHz	—
Power Output Minimum	2 W	—
Electronic Tuning Range	40 MHz	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Resonator Voltage	3100 V	—
Typical Resonator Voltage	2500 V	—
Typical Cathode Current	25–40 mA	—