

ELECTRONIC TUBE REFERENCE

7547

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
MAGNETRON

Mechanically tunable high-power pulsed magnetron oscillator designed for radar transmitter service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / 55 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Magnetron	
MAXIMUM PLATE VOLTAGE	55000 V
Published maximum ratings and characteristics promoted from approved source.	

Mechanically tunable high-power pulsed magnetron oscillator for radar transmitter service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon

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

1938 RAYTHEON

Section 1 · Magnetron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterCurrentNominal	55 A	Nominal
Maximum Plate Voltage	55000 V	—
PulseService	1	Pulsed magnetron operation