

ELECTRONIC TUBE REFERENCE

7072

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRAVELINGWAVE

Traveling-wave microwave amplifier providing broadband RF gain through interaction between an electron beam and a slow-wave structure.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1	TravelingWave
<i>No fixed ratings recorded.</i>	
<i>Published ratings and characteristics promoted from the supplied Sylvania source.</i>	

Permanent-magnet-focused traveling-wave amplifier with full-octave 2–4 GHz coverage and forced-air cooling.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

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

1950 SYLVANIA

Section 1 · TravelingWave

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
OperatingFrequencyMinimum	2000 MHz	—
OperatingFrequencyMaximum	4000 MHz	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RFPowerOutput	1 W	CW

TUBE TINKER

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and their source documents.

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