

ELECTRONIC TUBE REFERENCE

ZM3364

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRAVELINGWAVE

Low-noise traveling-wave microwave amplifier covering approximately 1.7-2.4 GHz, designed for broadband receiving and signal-amplification applications.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1	TravelingWave
No fixed ratings recorded. Traveling-wave interaction structure; conventional receiving-tube promoted plate/grid fields are not applicable.	

The ZM3364 is a traveling-wave tube covering 1.7 to 2.4 GHz, with at least 35 dB small-signal gain and 10 mW minimum saturated output, maximum noise figure 9 dB.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 General Electric Transmitting Types

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

1950 GENERAL ELECTRIC TRANSMITTING TYPES

Section 1 · TravelingWave

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency Range Minimum	1.7 GHz	Published RF range
Frequency Range Maximum	2.4 GHz	Published RF range
Small Signal Gain	35 dB	Minimum published gain
Saturation Power Output	10 mW	Minimum published saturated output
Noise Figure	9 dB	Maximum published noise figure

TUBE TINKER

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