



ELECTRONIC TUBE REFERENCE

TW067

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRAVELINGWAVE

Bendix backward-wave millimeter-wave oscillator designed for electronically tunable microwave generation, with specialized operating parameters documented by the manufacturer.

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

SECTION 1 TravelingWave	
MAXIMUM PLATE VOLTAGE	3000 V
Applicable promoted ratings are stored here; specialized device characteristics are retained as parameter rows.	

TW067: Bendix backward-wave millimeter-wave oscillator. Published ratings, operating characteristics, and specialized device parameters are preserved from the complete approved datasheet.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

196X Bendix

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

196X BENDIX

Section 1 · TravelingWave

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	—
Average power output	5 mW	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate/anode voltage	3000 V	—
Frequency range	49–59 GHz	—
Anode voltage range	1000–3000 V	—
Beam current	5 mA	—
Minimum magnetic field	1300 gauss	—

TUBE TINKER

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