

ELECTRONIC TUBE REFERENCE

6997

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRAVELINGWAVE

Pulsed traveling-wave amplifier for 2.7-2.9 GHz service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION00	TravelingWave
No fixed ratings recorded. Pulsed traveling-wave amplifier; 2.7-2.9 GHz typical, 30 W peak RF, 30 dB gain; maximum collector 2500 V.	



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

9999 Mixed G 2000

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

9999 MIXED G 2000

Section 0 · TravelingWave

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Center/operating frequency	2800 MHz	Traveling-wave typical 2700–2900 MHz; center

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	6.3 V	Heater voltage
Heater/filament current	5 A	Heater current

TUBE TINKER

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and their source documents.

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