ELECTRONIC TUBE REFERENCE

F4130

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRAVELINGWAVE

Broadband 1.7–2.7 GHz traveling-wave power amplifier delivering at least 20 watts saturated RF output with 30 dB minimum small-signal gain.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	6.3 V / 1.4 A	**PARALLEL HEATER**	_ / _
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 TravelingWave

No fixed ratings recorded.

Published source values promoted where applicable; additional electrical, RF, pulse and cooling data retained as parameters.

Broadband L/S-band traveling-wave tube power amplifier covering 1.7–2.7 GHz with at least 20 W saturated output.

SOURCE OPERATING CONDITIONS

1958 Compagnie General

SOURCE PDF

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

1958 COMPAGNIE GENERAL

Section 1 · TravelingWave

CHARACTERISTICS		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Frequency minimum	**1.7 GHz**	—
Frequency maximum	**2.7 GHz**	—
Saturated RF output minimum	**20 W**	—
Small-signal gain minimum	**30 dB**	—
Warmup time	**180 s**	—

CONSTRUCTION		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Cooling method	**Forced air**	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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