ELECTRONIC TUBE REFERENCE

CV11107

Power - Tetrode (NOT beam) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

> Forced-air-cooled coaxial metal-ceramic RF power tetrode for high-power amplifier service. Its massive filament and specialized construction suit substantial transmitting equipment.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	10 V / 300 A	**PARALLEL HEATER**	– / –
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Tetrode	
MAXIMUM PLATE VOLTAGE	20000 V
MAXIMUM PLATE DISSIPATION	35000 W

> Forced-air-cooled coaxial metal-ceramic RF power tetrode for high-power amplifier service. Explicit equivalent/service designation printed in approved source.

SOURCE OPERATING CONDITIONS

1971 English Electric Valve

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

1971 ENGLISH ELECTRIC VALVE

Section 1 · Tetrode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	**10 V**	—
Filament current	**300 A**	—
Frequency for full ratings	**30 MHz**	—
Output power, class C telegraphy	**82.5 kW**	—

TUBE TINKER

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

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