



ELECTRONIC TUBE REFERENCE

CV789

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Naturally cooled RF power triode for amplifier, oscillator, and modulator service. Rated for approximately 25 W plate dissipation and 2 kV plate voltage, with Class C output around 100 W to roughly 60 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 3 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.0025 S
AMPLIFICATION FACTOR	25
MAXIMUM PLATE VOLTAGE	2000 V
MAXIMUM PLATE DISSIPATION	25 W

Natural-cooled RF power triode for amplifier, oscillator, and modulator 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 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	6.3 V	—
Filament current	3 A	—
Maximum frequency for full ratings	60 MHz	—
Typical class-C unmodulated output power	100 W	—

TUBE TINKER

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

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