



ELECTRONIC TUBE REFERENCE

CV3543

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Beam-power transmitting tetrode designed for RF power amplification, with full ratings to approximately 80 MHz and about 140 watts typical Class-C output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 3.75 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
MAXIMUM PLATE VOLTAGE	750 V
MAXIMUM SCREEN VOLTAGE	380 V
MAXIMUM PLATE DISSIPATION	80 W
MAXIMUM SCREEN DISSIPATION	14 W
MAXIMUM CATHODE CURRENT	2 A

Beam-power transmitting tetrode for RF power amplification. 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 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	—
Heater current	3.75 A	—
Maximum frequency for full ratings	80 MHz	—
Typical class-C output power	140 W	—

TUBE TINKER

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and their source documents.

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