



ELECTRONIC TUBE REFERENCE

C1134

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

BEAMPOWER-BEAMPOWER

VHF double tetrode with center-tapped heater, designed for push-pull Class-C RF power amplification with approximately 48 watts output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	E7-2	BASE PINS	7
NOMINAL HEATER	12.6 V / 650 mA	PARALLEL HEATER	6.3 V / 1.3 A
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
TRANSCONDUCTANCE	0.0025 S
AMPLIFICATION FACTOR	8
MAXIMUM PLATE VOLTAGE	600 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	10 W
MAXIMUM SCREEN DISSIPATION	1.5 W
MAXIMUM GRID DISSIPATION	0.5 W
MAXIMUM CATHODE CURRENT	120 mA

SECTION2 Beam Power	
TRANSCONDUCTANCE	0.0025 S
AMPLIFICATION FACTOR	8
MAXIMUM PLATE VOLTAGE	600 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	10 W
MAXIMUM SCREEN DISSIPATION	1.5 W
MAXIMUM CATHODE CURRENT	120 mA
<i>Second identical physical beam-power section; added to align rows with SectionCount.</i>	

VHF double tetrode with centre-tapped heater for series or parallel operation.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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
Output power	48 W	ClassC;PushPull