ELECTRONIC TUBE REFERENCE

QB2250

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
BEAMPOWER

Beam-power tetrode designed for both audio-frequency and RF power amplification in transmitting and high-power amplifier equipment.

General characteristics

BASE DESIGNATION	Giant 7-pin	**BASE PINS**	7
NOMINAL HEATER	10 V / 5 A	**PARALLEL HEATER**	— / —
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Beam Power

TRANSCONDUCTANCE	0.00375 S
AMPLIFICATION FACTOR	8.5
MAXIMUM PLATE VOLTAGE	2000 V
MAXIMUM SCREEN VOLTAGE	400 V
MAXIMUM PLATE DISSIPATION	100 W

Promoted where the locked schema directly matches published RF values; frequency/service-specific limits and operating conditions are retained as parameter rows.

Beam-power tetrode for AF or RF power amplification.

SOURCE OPERATING CONDITIONS

SOURCE PDF

1963 Philips Electron Tubes Handbook V4

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

1963 PHILIPS ELECTRON TUBES HANDBOOK V4

Section 1 · Beam Power

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Maximum plate voltage	**2000 V**	RFPowerTube
Maximum screen voltage	**400 V**	RFPowerTube
Application	**Beam-power tetrode for AF or RF power amplification.**	SourceDescription
Service category	**RF/AF power service as specified in source**	RFPowerTube
Heater/filament voltage	**10 V**	RFPowerTube
Heater/filament current	**5 A**	RFPowerTube

CONSTRUCTION		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Heating method	**Direct**	RFPowerTube
Device class	**BeamPower**	RFPowerTube

CAPACITANCE		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Plate capacitance	**16.3 pF**	RFPowerTube

SOURCE OPERATING CONDITIONS

1999 Philips E-Z

SOURCE PDF

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

1999 PHILIPS E-Z

Section 1 · Beam Power

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Heating : direct Ve	**10 V**	Heating : direct Ve = 10V

TUBE TINKER

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

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