



ELECTRONIC TUBE REFERENCE

RE125A

Power - Beam (NOT sweep) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
BEAMPOWER

Directly heated 125-watt beam tetrode for push-pull audio, RF power-amplifier, and oscillator service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	5
NOMINAL HEATER	5 V / 6.6 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Beam Power	
MAXIMUM PLATE VOLTAGE	3000 V
MAXIMUM SCREEN VOLTAGE	600 V
MAXIMUM PLATE DISSIPATION	125 W
MAXIMUM SCREEN DISSIPATION	20 W
Power transmitting section. Values promoted from the supplied source; threshold/range qualifiers are retained in parameter rows where applicable.	

Directly heated 125 W beam tetrode for AF push-pull, RF power-amplifier and oscillator service; the sheet also identifies electrically equivalent RE125AB with a shifted operating point.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Tesla

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

195X TESLA

Section 1 · Beam Power

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Control-grid input capacitance	12 pF	Published interelectrode capacitance
Plate output capacitance	3.7 pF	Published interelectrode capacitance
Plate-to-control-grid capacitance maximum	0.1 pF	Published interelectrode capacitance

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum frequency	100 MHz	Published maximum/rated frequency

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