



ELECTRONIC TUBE REFERENCE

KT55

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Indirectly heated beam tetrode designed for audio-output service and also suitable for series-stabilizer voltage-regulator applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	30 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
PLATE RESISTANCE	5000 Ω
TRANSCONDUCTANCE	0.019 S
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	25 W
MAXIMUM SCREEN DISSIPATION	5 W
<i>Promoted values mapped from printed rating/approximate-data tables; additional operating points and capacitances retained as parameters.</i>	

Indirectly heated beam tetrode for audio-output service or series-stabilizer use.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1955 Marconi

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

1955 MARCONI

Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode-All Capacitance	14 pF	—
Grid1-All Capacitance	34 pF	—
Anode-Grid1 Capacitance	0.7 pF	—
Typical Tetrode Anode Voltage	200 V	—
Typical Tetrode Screen Voltage	150 V	—
Typical Tetrode Anode Current	125 mA	—
Typical Tetrode Screen Current	7.5 mA	—
Push-Pull Output Power	25 W	TetrodeConnection;PushPull;TwoTubes
Push-Pull Output Power	15 W	TriodeConnection;PushPull;TwoTubes
Bulb Temperature Maximum	225 C	—