

ELECTRONIC TUBE REFERENCE

6061

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
BEAMPOWER

Ruggedized audio beam-power pentode designed for dependable power-output service under demanding environmental conditions.

GENERAL CHARACTERISTICS

BASE DESIGNATION	9AM	BASE PINS	9
NOMINAL HEATER	6.3 V / 450 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

9AM - TERMINAL PINOUT

TERMINAL	SECTION	ELEMENT	STATUS
PIN1 – Pin 1	–	–	IC · verified
PIN2 – Pin 2	A	G1 – Control Grid	CONNECTED · verified
PIN3 – Pin 3	A	K – Cathode	CONNECTED · verified
PIN4 – Pin 4	–	H – Heater	CONNECTED · verified
PIN5 – Pin 5	–	H – Heater	CONNECTED · verified
PIN6 – Pin 6	–	–	NC · verified
PIN7 – Pin 7	A	P – Plate (Anode)	CONNECTED · verified
PIN8 – Pin 8	A	G2 – Screen Grid	CONNECTED · verified

TERMINAL	SECTION	ELEMENT	STATUS
PIN9 – Pin 9	A	G3 – Suppressor Grid	CONNECTED · verified

SECTION RATINGS

SECTION1 Beam Power	
PLATE RESISTANCE	52000 Ω
TRANSCONDUCTANCE	0.0041 S
MAXIMUM PLATE VOLTAGE	315 V
MAXIMUM SCREEN VOLTAGE	285 V
MAXIMUM PLATE DISSIPATION	12 W
Published source values promoted where applicable.	

Ruggedized audio beam power pentode; description derived from the supplied registration datasheet.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1954 STC Brimar

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

1954 STC BRIMAR

Section 1 · Beam Power

CROSSREFERENCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Equivalent electrical characteristics	6V6G/GT	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X General Electric Essential Characteristics

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

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Beam Power

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	250 V	ClassA
Screen voltage	250 V	ClassA
Control-grid bias	-12.5 V	ClassA
Plate current	45 mA	ClassA
Screen current	4.5 mA	ClassA
Plate resistance	52000 ohm	ClassA
Transconductance	4100 uS	ClassA
Load resistance	5000 ohm	ClassA
Power output	4.5 W	ClassA

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	315 V	ClassA
Screen voltage	225 V	ClassA
Control-grid bias	-13 V	ClassA
Plate current	34 mA	ClassA
Screen current	2.2 mA	ClassA
Plate resistance	77000 ohm	ClassA
Transconductance	3750 uS	ClassA
Load resistance	8500 ohm	ClassA
Power output	5.5 W	ClassA