



ELECTRONIC TUBE REFERENCE

3C5GT

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Directly heated power pentode for Class-A audio output with series/parallel filament operation. Its flexible filament arrangement supports battery equipment requiring useful low-frequency output power.

GENERAL CHARACTERISTICS

BASE DESIGNATION	7AQ	BASE PINS	7
NOMINAL HEATER	1.4 V / 100 mA	PARALLEL HEATER	1.4 V / 100 mA
HEATING	Direct	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
MAXIMUM PLATE VOLTAGE	90 V
MAXIMUM SCREEN VOLTAGE	90 V
<i>Published ratings and characteristics promoted where clearly legible in the approved source.</i>	

Directly heated power pentode for Class A audio output with series/parallel filaments.

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 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	90 V	ClassA;ParallelFilaments
Screen-grid voltage	90 V	ClassA;ParallelFilaments
Grid No.1 bias	9 V	ClassA;ParallelFilaments
Plate current	6 mA	ClassA;ParallelFilaments
Screen-grid current	1.4 mA	ClassA;ParallelFilaments
Transconductance	1550 μ S	ClassA;ParallelFilaments
Load resistance	8000 ohm	ClassA;ParallelFilaments
Power output	0.24 W	ClassA;ParallelFilaments
Plate voltage	90 V	ClassA;SeriesFilaments
Screen-grid voltage	90 V	ClassA;SeriesFilaments
Grid No.1 bias	9 V	ClassA;SeriesFilaments
Plate current	6 mA	ClassA;SeriesFilaments
Screen-grid current	1.4 mA	ClassA;SeriesFilaments
Transconductance	1450 μ S	ClassA;SeriesFilaments
Load resistance	10000 ohm	ClassA;SeriesFilaments
Power output	0.26 W	ClassA;SeriesFilaments

TUBE TINKER

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and their source documents.

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