



ELECTRONIC TUBE REFERENCE

6M6

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

Power-amplifier pentode designed for single-ended Class-A and push-pull Class-AB audio output service. Its operating characteristics support conventional loudspeaker-driving output stages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	9N	BASE PINS	9
NOMINAL HEATER	6.3 V / 710 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	300 V
<i>Promoted from printed maximum-rating/characteristic columns; additional published operating points and capacitances retained as parameters.</i>	

Power-amplifier pentode for single-ended Class-A and push-pull Class-AB audio output service.

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	250 V	ClassA
Screen voltage	250 V	ClassA
Load resistance	7000 Ω	OneTube
Power output	3.9 W	OneTube
Load resistance	7000 Ω	ClassAB PushPull TwoTubes
Power output	9.4 W	ClassAB PushPull TwoTubes

TUBE TINKER

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