



ELECTRONIC TUBE REFERENCE

9AH9

Voltage Triode Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

PENTODE-TRIODE

Compactron triode and frame-grid pentode combination for electronic signal service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	E12-70	BASE PINS	12
NOMINAL HEATER	8.8 V / 600 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Triode

No fixed ratings recorded.

Medium-mu triode. Uploaded sheet is reference/equivalence-only: identical to 6AH9 except heater characteristics/ratings; electrical tables not reproduced, so promoted values were not inferred.

SECTION2 Pentode

No fixed ratings recorded.

Sharp-cutoff frame-grid pentode. Uploaded sheet is reference/equivalence-only: identical to 6AH9 except heater characteristics/ratings; electrical tables not reproduced, so promoted values were not inferred.

The 9AH9 is a Compactron containing a medium-mu triode and a sharp-cutoff frame-grid pentode; the pentode is intended primarily for video amplifier service and the triode for color blanker or general-purpose use in color television receivers. Except for heater characteristics and ratings, it is identical to the 6AH9.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage AC or DCx	8.8 V	GENERAL
Heater Current 0 6+	40 mA	GENERAL
Heater Warm-up Time average	1 s	GENERAL
Heater voltage for a bogey tube at If	600 mA	GENERAL
The time required for the voltage across the heater to reach	80 %	GENERAL