



ELECTRONIC TUBE REFERENCE

6H8G

Voltage Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

3 SECTIONS

CONSTRUCTION

DIODE-DIODE-PENTODE

Common-cathode double-diode pentode designed for audio-frequency amplification, signal detection, and automatic-gain-control rectification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Pentode	
PLATE RESISTANCE	650000 Ω
TRANSCONDUCTANCE	0.0024 S
AMPLIFICATION FACTOR	1550
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	125 V

SECTION2 Diode	
No fixed ratings recorded.	

SECTION3 Diode	
No fixed ratings recorded.	

Double-diode pentode with common cathode for AF amplification, detection and automatic gain-control rectification.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Mazda

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

1960 MAZDA

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical Plate Voltage	250 V	PentodeSection
Typical Screen Voltage	100 V	PentodeSection
Typical Plate Current	5.7 mA	PentodeSection
Typical Screen Current	1.8 mA	PentodeSection
CommonCathode	1	BothDiodesAndPentode