ELECTRONIC TUBE REFERENCE

8HG8

Voltage Triode Pentode electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
PENTODE-TRIODE

General characteristics

BASE DESIGNATION	_	BASE PINS	_
NOMINAL HEATER	8 V / 300 mA	PARALLEL HEATER	_ / _
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

Section ratings

SECTION1 Triode	
PLATE RESISTANCE	3100 Ω
TRANSCONDUCTANCE	0.0055 S
AMPLIFICATION FACTOR	17
MAXIMUM PLATE VOLTAGE	125 V
MAXIMUM PLATE DISSIPATION	1.9 W

SECTION2 Pentode	
PLATE RESISTANCE	350000 Ω
TRANSCONDUCTANCE	0.012 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	2.2 W
MAXIMUM SCREEN DISSIPATION	0.55 W

SOURCE OPERATING CONDITIONS

1970 Sylvania Technical Manual

SOURCE PDF

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

1970 SYLVANIA TECHNICAL MANUAL

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	100 V	—
Grid Voltage	-3 V	—
Plate Current	14 mA	—

1970 SYLVANIA TECHNICAL MANUAL

Section 2 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	170 V	—
Screen Voltage	150 V	—
Grid Voltage	-1.2 V	—
Plate Current	10 mA	—
Screen Current	3.3 mA	—