



ELECTRONIC TUBE REFERENCE

5660

Voltage - Pentode or Tetrode (with diode) electronic tube

CONSOLIDATED TECHNICAL DATA

3 SECTIONS

CONSTRUCTION

DIODE-DIODE-PENTODE

Reliable duplex-diode pentode related to the 12C8 family, designed for operation under severe vibration and intermittent service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	12.6 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Diode	
NOMINAL OUTPUT CURRENT	1 mA
Representative row for two identical diode sections; continuous current maximum is 1 mA per plate.	

SECTION2 Diode	
No fixed ratings recorded.	
Second physical diode section added in approved section-structure reconciliation.	

SECTION3 Pentode	
PLATE RESISTANCE	600000 Ω
TRANSCONDUCTANCE	0.001325 S
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	125 V
MAXIMUM PLATE DISSIPATION	2.25 W
MAXIMUM SCREEN DISSIPATION	0.3 W
<i>Pentode section.</i>	

The 5660 is a duplex-diode pentode similar to the 12C8 and designed for reliable performance under severe vibration and intermittent operation.

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 3 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	250 V	ClassA
Screen Voltage	125 V	ClassA

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Current	10 mA	ClassA

TUBE TINKER

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