



ELECTRONIC TUBE REFERENCE

6AN5WA

Power - Pentode Single (NOT beam) (under 10W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
PENTODE

Ruggedized wideband power pentode for RF, video, frequency-divider, and pulse service in professional or military equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	6.3 V / 450 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
TRANSCONDUCTANCE	0.0085 S
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM SCREEN VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	4.6 W
MAXIMUM CATHODE CURRENT	55 mA
<i>Wide-band RF/video power pentode.</i>	

Reliable miniature pentode power amplifier with high transconductance and plate current for wide-band RF, video, frequency-divider, and pulse service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon

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

1938 RAYTHEON

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage Eb: cemn 120 120 135	330 Vde	Plate Voltage Eb: cemn 120 120 135 330 Vde
Grid #2 Voltage Ec2: cnee 120 120 135	330 Vde	Grid #2 Voltage Ec2: cnee 120 120 135 330 Vde
Interface Re- Ef=5,7V;Rk=0; vena riz cses	25 Ω	Interface Re- Ef=5,7V;Rk=0; vena riz cses 25 ohms 1 3



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Compagnie General

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

1958 COMPAGNIE GENERAL

Section 1 · Pentode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	450 mA	—
Grid-to-Plate Capacitance	0.075 pF	Maximum
Input Capacitance	9 pF	—
Output Capacitance	5.5 pF	—