



ELECTRONIC TUBE REFERENCE

6082A

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
TRIODE-TRIODE

Ruggedized low-mu twin power triode for voltage-regulator and DC-amplifier applications, providing two high-current, low-resistance sections for demanding control service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B8-94	BASE PINS	8
NOMINAL HEATER	26.5 V / 600 mA	PARALLEL HEATER	- / -
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.007 S
AMPLIFICATION FACTOR	2
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	13 W
Published characteristics and ratings promoted where clearly recoverable from source.	

SECTION2 Triode	
TRANSCONDUCTANCE	0.007 S
AMPLIFICATION FACTOR	2
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	13 W
Identical second physical section; duplicated from representative section per physical-section-row policy.	

Bendix Aviation Corp. Bendix TE-55 Red Bank Division Page 1 of 1 Electron Tube Plant February 19, 1957
 Eatontown, New Jersey TYPE 6082A (Tentative Data) Reliable Hard Glass Low-Mu Twin Power Triode
 MECHANICAL DATA Coated unipotential cathode Outline drawing Bulb . T-12 Base . . « . + « « « + .
 .+ . Large wafer octal 8-pin B8-94 Maximum bulb temperature 300°C Maximum diameter.
 o . 1 23/32 Maximum seated height 311/16 Maximum overall length + . 41/4 Pin connections
 Pin 1 #2 triode grid Pin 5 #1 triode plate Pin 2 #2 triode plate Pin 6 #1 triode cathode Pin 3 #2 triode
 cathode Pin 7 Heater Pin 4 #1 triode grid Pin 8 Heater Mounting position o . . any Life
 expectancy + < .+ .« . 10 000 hrs ELECTRICAL DATA Ratings Heater voltage (acorde). . . « .« . .«
 .« . 26.5 volts Maximum plate voltage . . e e e e 250 vol

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

196X Bendix

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

196X BENDIX

Section 1 · Triode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	26.5 V	Published datasheet value; see source context.
Plate Voltage	250 V	Published datasheet value; see source context.

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Current	600 mA	Published datasheet value; see source context.
Plate Current	125 mA	Published datasheet value; see source context.
Transconductance	7000 μ S	Published datasheet value; see source context.
Amplification Factor	2	Published datasheet value; see source context.

TUBE TINKER

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and their source documents.

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