



ELECTRONIC TUBE REFERENCE

112A

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Directly heated storage-battery triode for detector and audio-frequency amplifier service in early radio receivers.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	5 V / 250 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	4700 Ω
TRANSCONDUCTANCE	0.0018 S
AMPLIFICATION FACTOR	8.5
MAXIMUM PLATE VOLTAGE	180 V
<i>Published ratings and characteristics promoted from the approved datasheet.</i>	

Directly heated storage-battery triode for detector and audio-frequency amplifier service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1932 Cunningham Radio Tubes

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

1932 CUNNINGHAM RADIO TUBES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-plate capacitance	8.1 pF	Published direct interelectrode capacitance
Grid-filament capacitance	4.2 pF	Published direct interelectrode capacitance
Plate-filament capacitance	2.1 pF	Published direct interelectrode capacitance
Undistorted power output	260 mW	Published operating characteristic



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

193X Cunningham

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

193X CUNNINGHAM

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	5 V	Published nominal
Heater/filament current	250 mA	Published nominal
Transconductance	1800 μ S	Published characteristic
Amplification factor	8.5	Published characteristic
Plate resistance	4700 Ω m	Published characteristic



1940 RCA

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

1940 RCA

Section 1 · Triode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Detector_Amplifier text	—

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