



ELECTRONIC TUBE REFERENCE

3A110A

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Repeater triode designed for telephone transmission-amplifier service, issued as an A-series replacement version for communications repeater equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	4 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	5500 Ω
AMPLIFICATION FACTOR	12
MAXIMUM PLATE VOLTAGE	190 V
<i>Published triode ratings/characteristics promoted from the approved datasheet.</i>	

Repeater triode, A replacement version.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-anode capacitance	9.7 pF	Direct inter-electrode capacitance
Grid-filament capacitance	6.5 pF	Direct inter-electrode capacitance
Anode-filament capacitance	2.5 pF	Direct inter-electrode capacitance

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker