ELECTRONIC TUBE REFERENCE

3A109A

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

SECTION1 Triode

PLATE RESISTANCE	12000 Ω
AMPLIFICATION FACTOR	6
MAXIMUM PLATE VOLTAGE	190 V

Published triode ratings/characteristics promoted from the approved datasheet.

Repeater triode, A replacement version.

SOURCE OPERATING CONDITIONS

1946 Standard Telephone and Cables

SOURCE PDF

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 pF**	Direct inter-electrode capacitance
Grid-filament capacitance	**6 pF**	Direct inter-electrode capacitance
Anode-filament capacitance	**3.6 pF**	Direct inter-electrode capacitance

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