



ELECTRONIC TUBE REFERENCE

3AI41A

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Telephone repeater triode for professional communications amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	4.5 V / 1 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	6000 Ω
TRANSCONDUCTANCE	0.001 S
AMPLIFICATION FACTOR	6
MAXIMUM PLATE VOLTAGE	190 V
MAXIMUM CATHODE CURRENT	12 mA

Directly heated repeater triode; 3AI41AY is the special-limits tested version.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Standard Valves

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

1947 STANDARD VALVES

Section 1 · Triode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
GridToAnodeCapacitance	8.1 pF	—
GridToCathodeOrFilamentCapacitance	6.4 pF	—
AnodeToCathodeOrFilamentCapacitance	5.6 pF	—

TUBE TINKER

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and their source documents.

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