ELECTRONIC TUBE REFERENCE

4I04D

Power - Triode Single (under 10W) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Directly heated telephone repeater triode for professional communications amplification.

General characteristics

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

Section ratings

SECTION1 Triode

PLATE RESISTANCE	2000 Ω
TRANSCONDUCTANCE	0.00115 S
AMPLIFICATION FACTOR	2.3
MAXIMUM PLATE VOLTAGE	190 V
MAXIMUM PLATE DISSIPATION	5 W
MAXIMUM CATHODE CURRENT	60 mA

Explicit alternate/previous designation printed on 3AI44AY datasheet.

Repeater triode; 3A/I44AY is the specially tested replacement form of 3A/I44A.

SOURCE OPERATING CONDITIONS

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**
Grid-anode capacitance	**6.8 pF**	—
Grid-cathode/filament capacitance	**5.8 pF**	—
Anode-cathode/filament capacitance	**5.5 pF**	—

TUBE TINKER

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

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