



ELECTRONIC TUBE REFERENCE

3AI44AY

Power - Triode Single (under 10W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Special-limits tested 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	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

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

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