



ELECTRONIC TUBE REFERENCE

3AI46J

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Grounded-grid UHF triode for amplifier service across approximately 50-450 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 650 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.005 S
AMPLIFICATION FACTOR	100
MAXIMUM PLATE VOLTAGE	350 V
MAXIMUM PLATE DISSIPATION	2 W
Grounded-grid UHF triode.	

Grounded-grid UHF triode for amplifier service, equivalent to 3A/I46J.



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
Anode-grid capacitance	1.6 pF	—
Anode-cathode capacitance	0.035 pF	—
Grid-cathode capacitance	4 pF	—

TUBE TINKER

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and their source documents.

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