



ELECTRONIC TUBE REFERENCE

CV53

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

High-frequency triode for grounded-grid amplification, low-noise amplification, oscillation, or frequency multiplication in VHF/UHF equipment.

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

SECTION 1 Triode	
TRANSCONDUCTANCE	0.005 S
AMPLIFICATION FACTOR	100
MAXIMUM PLATE VOLTAGE	350 V
MAXIMUM PLATE DISSIPATION	2 W
<i>Explicit alternate/previous designation printed on 3A146J datasheet.</i>	

CV53 printed cross-designation/replacement designation for 3A146J. Grounded-grid UHF triode for 50-450 MHz amplifier service.



SOURCE OPERATING CONDITIONS

1946 Standard Telephone and Cables

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
Anode-grid capacitance	1.6 pF	Direct inter-electrode capacitance
Anode-cathode capacitance	0.035 pF	Direct inter-electrode capacitance
Grid-cathode capacitance	4 pF	Direct inter-electrode capacitance



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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