



ELECTRONIC TUBE REFERENCE

3A147J

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Grounded-grid UHF oscillator triode designed for operation to approximately 750 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 700 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.006 S
AMPLIFICATION FACTOR	35
MAXIMUM PLATE VOLTAGE	350 V
MAXIMUM PLATE DISSIPATION	6 W
MAXIMUM GRID DISSIPATION	0.5 W
MAXIMUM CATHODE CURRENT	28 mA
<i>Published triode ratings/characteristics promoted from the approved datasheet.</i>	

Grounded-grid UHF oscillator triode for operation to 750 MHz.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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	1.4 pF	Direct inter-electrode capacitance
Anode-cathode capacitance	0.4 pF	Direct inter-electrode capacitance
Grid-cathode capacitance	4.2 pF	Direct inter-electrode capacitance

TUBE TINKER

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