



ELECTRONIC TUBE REFERENCE

K502L

Specialized - Vacuum Capacitor electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CAPACITOR

50 pF fixed vacuum capacitor for RF amplifier or oscillator tank circuits, rated for high voltage and high RF current.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION 1 Capacitor

No fixed ratings recorded.

Published ratings/characteristics promoted where applicable.

50 pF vacuum capacitor for RF amplifier or oscillator tank circuits.



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 · Capacitor

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Capacitance	50 pF	Published datasheet value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak voltage	32 kV	Published datasheet value
Maximum RMS current	28 A	Published datasheet value
Maximum frequency	20 Mc/s	Published datasheet value



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 · Capacitor

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Nominal capacitance	50 pF	Tolerance $\pm 10\%$

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak RF voltage	32 kV	—
Maximum RF current	12 A	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum operating frequency	20 MHz	—

TUBE TINKER

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and their source documents.

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