

ELECTRONIC TUBE REFERENCE

VC5032

Specialized - Vacuum Capacitor electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CAPACITOR

50 pF fixed vacuum capacitor for high-voltage RF service, rated approximately 32 kV peak with high-current copper construction.

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

SECTION1 Capacitor
No fixed ratings recorded. Promoted only where the locked section schema has a direct semantic match; all remaining published component/RF ratings and characteristics are retained in TUBE_SECTION_PARAMETER.

Fixed vacuum capacitor, printed as VC50/32, rated 50 pF, 32 kV peak, and 60 A RMS.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Amperex Industrial

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1958 AMPEREX INDUSTRIAL

Section 1 · Capacitor

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Capacitance	50 pF	FixedVacuumCapacitor
Rated-capacitance tolerance	2 %	FixedVacuumCapacitor

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak voltage	32 kV	FixedVacuumCapacitor
Maximum RMS current	60 A	FixedVacuumCapacitor
Frequency at maximum current	7.7 MHz	FixedVacuumCapacitor
Maximum glass-to-metal seal temperature	180 °C	FixedVacuumCapacitor

CONSTRUCTION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Construction material	OFHC copper	FixedVacuumCapacitor



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 Eimac

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1962 EIMAC

Section 1 · Capacitor

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Capacitance	50 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Peak Voltage	32000 V	—
Maximum RMS Current	28 A	—