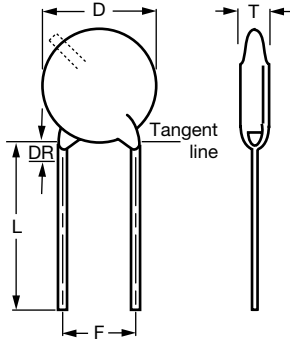


Vishay Component (Huizhou) Co. Ltd. Disc Capacitor Specification


FEATURES

- High capacitance
- High stability
- Compliant to RoHS directive 2002/95/EC


**RoHS
COMPLIANT**
APPLICATIONS

- Bypassing
- Coupling
- Resonant circuit

DESIGN

Encapsulation is made of phenolic resin. Connection leads are made of tinned copper having a diameter of 0.8 mm with straight lead style.

QUICK REFERENCE DATA

DESCRIPTION	CLASS 2 (Z5V)
Voltage (V_{DC})	500
Min. Capacitance (pF)	80 000
Max. Capacitance (pF)	180 000
Mounting	Through hole

MARKING

BC104Z

OPERATING TEMPERATURE RANGE

Class 2, 10 °C to 125 °C

TEMPERATURE COEFFICIENT

Class 2, Z5V

SECTIONAL SPECIFICATION

Class2, IEC 60348-9

CLIMATIC CATEGORY

25/085/21

CAPACITANCE RANGE

80 000 pF to 180 000 pF

RATED DC VOLTAGE

500 V

TEST DC VOLTAGE

1250 V

DIELECTRIC STRENGTH

250 % of rated voltage

INSULATION RESISTANCE AT 500 V_{DC}

 10 G Ω min.

TOLERANCE ON CAPACITANCE

+ 80 %/- 20 %

DISSIPATION FACTOR

 3.0 % max. at 1kHz/1.0 V_{RMS}
RESISTANCE TO SOLDERING HEAT

 260 °C \pm 5 °C, 10 s \pm 1 s

ORDERING INFORMATION, CLASS 2, 500 V_{DC} , STRAIGHT

C (pF)	TOL. (%)	$D_{MAX.}$ (mm)	$T_{MAX.}$ (mm)	LEAD SPACING F (mm)	LEAD DIAMETER (mm)	$DR_{MAX.}$ (mm)	CLEAR TEXT CODE
Class 2, Z5V							
100 000	+ 80/- 20	23.6	5.0	10.0 \pm 0.8	0.8 \pm 0.05	3.0	S104Z93Z5VL83L0R



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Vishay Intertechnology, Inc. hereby certifies that all its products that are identified as RoHS-Compliant fulfill the definitions and restrictions defined under Directive 2011/65/EU of The European Parliament and of the Council of June 8, 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (EEE) - recast, unless otherwise specified as non-compliant.

Please note that some Vishay documentation may still make reference to RoHS Directive 2002/95/EC. We confirm that all the products identified as being compliant to Directive 2002/95/EC conform to Directive 2011/65/EU.

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Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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