Vacuum glue-filled capacitor

What is a vacuum capacitor?

A vacuum capacitor is an electrical part having a low ESR (equivalent series resistance) and an extremely small dielectric loss among many existing capacitors. As such, the allowable current of the capacitor is large at high frequency of 1 MHz to a few 100 MHz, and the capacitor has a very good temperature characteristic.

Why is VC capacitor a small and high withstand voltage capacitor?

It becomes a small and high withstand voltage capacitor by keeping vacuum insulation. The cur-rent capacity of VCs is therefore,more than 100Arms,and the withstand voltage of VCs is a one-tenth than the atmosphere distance by the vac-uum insulation,so a large current can be supplied in a compact size.

What is the voltage resistance of a vacuum capacitor?

As the electrode part is insulated by vacuum,the voltage resistance is 3 kVp to 40 kVp. It is ideal for the application requiring the high voltage. The vacuum capacitor is a high performance capacitor in which the electrode part that stores electric charges is arranged in a ceramic vacuum vessel.

What are the features of a vacuum capacitor?

features:current (ARMS)capacitance (pF)voltage (kV)Capaci ance and voltage are represented by their product charge. Within one series,different capacitor envelo es (height and diameter) have a specific geometry-letter ncreases with their charge.1000400200100Charge (uC)Each Vacuum Capacitor series has certain

How vacuum capacitors are manufactured?

There are two methods to produce the vacuum products: the constant air exhausion method by vacuum pump and the vacuum sealing methodat the every manufacturing stage. Our vacuum capacitors are manufactured with the vacuum sealing method. It also incorporates a mechanism to retain the vacuum state for a long period of time.

What type of capacitor is g3ynh?

G3YNH info: Vacuum Capacitors. Air and vacuum variable capacitors for comparison: The air capacitor shown is variable from 34 to 864 pF (25:1 capacitance range),and has a plate spacing of 1.6 mm giving a voltage rating of 5 kV peak (3.5 kV RMS).

The invention relates to the technical field of vacuum glue filling, in particular to a vacuum online glue filling system. Including the lower structure support, the removal location adjusting part is ...

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2 component glue dispenser,2 component mix glue machine,ab resin potting machine,electronic components making machine electronics production machinery,epoxi dispensing robot

The stirring tank is composed of a main agent tank and a hardening agent tank. The two raw materials are mixed using static mixing, and after mixing, it is automatically filled with glue ...

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The invention relates to a vacuum glue injection device of a capacitor, which is improved on the basis of the prior glue injection tank, a vacuum pump, a glue injection pipe and the like, ...

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An air-filled capacitor at atmospheric pressure (760 Torr, 1.01 Bar) has a voltage rating about 13 times lower than that of an otherwise identical vacuum capacitor (at 10-7 Torr).

A glue filling equipment and a lift-type technology are applied in the field of lift-type vacuum glue filling equipment, which can solve the problems of low processing efficiency and slow pumping ...

The two raw materials are mixed using static mixing, and after mixing, it is automatically filled with glue under vacuum environment, and the filling method adopts single fixture and multi-point ...

The mixing process totally seal ; the double liquid valve and mixing pipe filled with glue that assured glue mixing without any air bubble;the valve through turn on-off the air-cylinder to ...

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