

What is a safety capacitor?

Safety capacitors are also called EMI /RFI suppression capacitors,AC line filter safety capacitors,or X- and Y-rated capacitors. X and Y capacitors not only keep radio frequency noise generated by the device local to that device,but also protect the device from mains noise and high voltage surges.

Are surface-mount safety capacitors available?

Surface-mount safety capacitors are available in commercial and Vishay Automotive Grades(AEC-Q200 qualified),with PPAP data upon request. WHERE CAN YOU FIND THESE COMPONENTS?

What are Vishay x1 / y2 & x2 safety capacitors?

Vishay's line of X1 /Y2 and X2 surface-mount safety capacitors offers devices for operating voltages up to 250 VAC. As surface-mount devices,the capacitors simplify circuit board assembly. The components are supplied in tape and reel packages and are picked and placed the same as all other surface-mount components.

Are Vishay safety capacitors UL compliant?

All safety capacitors are approved according to IEC 60384-14.4,UL,and CQC,while all series are compliant with RoHS and the REACH regulations. Vishay's line of X1 /Y2 and X2 surface-mount safety capacitors offers devices for operating voltages up to 250 VAC. As surface-mount devices,the capacitors simplify circuit board assembly.

What is a 1 nF safety capacitor?

Of note is a 1 nF capacitance value offered in the C0G (NP0) material, which offers a consistent capacitance with respect to both temperature and applied voltage. Surface-mount safety capacitors are available in commercial and Vishay Automotive Grades (AEC-Q200 qualified), with PPAP data upon request.

What is a film capacitor?

Film capacitors feature the self-healing effect, which means they can recover from dielectric breakdown and continue their normal operation. In addition, their capacitance and dissipation factor are very stable across the temperature spectrum, granting constant performance regardless of external temperature conditions.

The moisture-proof X2 safety capacitor can operate stably in high temperature environments, and its design considers performance maintenance at high temperatures to ensure that there will be no performance ...

General Capacitor EMI suppression interference capacitor Ac motor starts capacitor THB  
Moisture-proof/step-down capacitor PFC capacitor Power electronic capacitor Safety ceramic capacitor  
Double-sided metal film/resonant capacitor

Good quality moistureproof x capacitor y capacitor from moistureproof x capacitor y capacitor manufacturer,

Buy moistureproof x capacitor y capacitor online from China. ... X2 Safety Capacitor (74) Metallized Polypropylene Film Capacitor (52) Metallized Polyester Film Capacitor (23) Polyester Film Box Type Capacitor (17) Y2 Safety Capacitor

High quality ROHS Durable 1uF Ceramic Disc Capacitor, Moistureproof HV Ceramic Capacitors from China, China's leading ROHS 1uF Ceramic Disc Capacitor product, with strict quality control Durable 1uF Ceramic Disc Capacitor factories, producing high quality Moistureproof HV Ceramic Capacitors products.

In the modern electronics industry, capacitors, as basic components in circuits, undertake various functions such as energy storage, filtering, and coupling. Skip to content. Jimson is a professional manufacturer of polyester and polypropylene film capacitors for more than 34 years. Share on facebook. Share on twitter.

Description: \* X2 Series safety capacitor features dip mounting type and compact size. \* Anti-electromagnetic interference, it can withstand over-pressure shock, and has excellent flame retardant and moisture-proof ability. \* ...

THB Moisture-proof/step-down capacitor PFC capacitor Power electronic capacitor Safety ceramic capacitor Double-sided metal film/resonant capacitor. News. Company News Industry News. Technology. ... The discharge of X1 safety capacitor is different from that of ordinary capacitor. When the external power supply is disconnected, the charge ...

Aiming at the defects of the prior art, the utility model provides a safety ceramic capacitor with a moisture-proof function, overcomes the defects of the prior art and aims to solve the...

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The invention discloses the heat-resisting moisture-proof structure of a kind of capacitor, it is characterized in that and includes housing, fuse and weld tabs, fuse is located in housing, weld tabs is provided with two panels and is connected to the two ends of fuse, described weld tabs includes the first connecting portion, second connecting portion and the 3rd connecting ...

X1 and Y1 safety capacitors are used in industrial settings. Y Capacitors: Also known as "line to ground capacitors" (line bypass.) ... [01/09] WEET What are the Characteristics of Moisture Proof THB X2 Safety Capacitors and Applications ...

C62 is a metallized polypropylene film capacitor that is specialized for electrical circuits to enhance safety and minimize electromagnetic interference. Some powerful features that these metallized capacitors offer include the ability to ...

X-type stabilized capacitors are divided into three types according to withstand voltage: X1, X2, and X3. The

permissible peak pulse voltage over-potential level of the stable capacitor safety level:  $2.5\text{kV} \leq X1 \leq 4.0\text{kV}$ ,  $X2 \leq 2.5\text{kV}$ ,  $X3 \leq 1.2\text{kV}$ .

Moisture-proof Packaging. Moisture-proof and strong packaging technique to protect the products from being damaged or stained. Production Process: ... Y-type safety capacitor safety level:  $Y1 \geq 250\text{V}$ , allowable peak pulse ...

High quality CQC Flameproof Y1 Safety Capacitor Moistureproof Solvent Resistant from China, China's leading CQC Y1 Safety Capacitor product, with strict quality control Flameproof Y1 Safety Capacitor factories, producing high quality Moistureproof x capacitor y capacitor products.

Performance: Anti-electromagnetic interference, it can withstand over-pressure shock, and has excellent flame retardant and moisture-proof ability. Durable: Small size is suitable for high ...

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