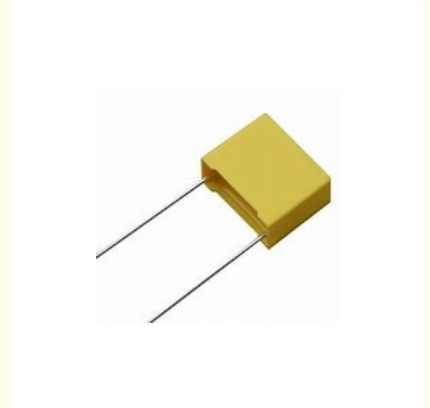


## 310V Safety Capacitor Load Life 5000 Hours Suitable For High Current

Our Product Introduction

### Basic Information

- Place of Origin: 00
- Brand Name: 2
- Certification: 3
- Model Number: zz
- Minimum Order Quantity: 100
- Price: Ten thousand dollars
- Packaging Details: 付款方式
- Delivery Time: 供 能力
- Payment Terms: 期限
- Supply Ability: 常 包装



### Product Specification

- Capacity Tolerance:  $\pm 5\% \sim \pm 10\%$
- Electrode: Tin Zinc
- Rated Voltage: 310V
- Leads: Radial Leads Of Tinned Wire
- Operating Temperature:  $-40 \sim +110$
- Load Life: 5000 Hours
- Suitable: High Current
- Loss: Low
- Metal: Type Iron
- Thickness: 203\*193\*15cm
- Box Type: Self Erecting Boxes
- Radiation Power: 840~1300MW
- Metal Type: Iron
- Universal Type: Fit For 80% Model Cars' Injectors
- Indian Hair: Yes

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## Product Description

### 310V Safety Capacitor Load Life 5000 Hours Suitable For High Current

TOLERANCE	±10%
DIMENSION(W*H*T)	18*19*10.8MM
COLOR	YELLOW
PACKAGE TYPE	THROUGH HOLE
APPLICATION	ANTI-INTERFERENCE SITUATIONS SUCH AS POWER SUPPLY ACROSS LINES AND OTHER AC FIELD.
SUPPLIER TYPE	ORIGINAL MANUFACTURER
OEM/ODM	YES
MEADIA AVAILABLE	DATASHEET

### Classification

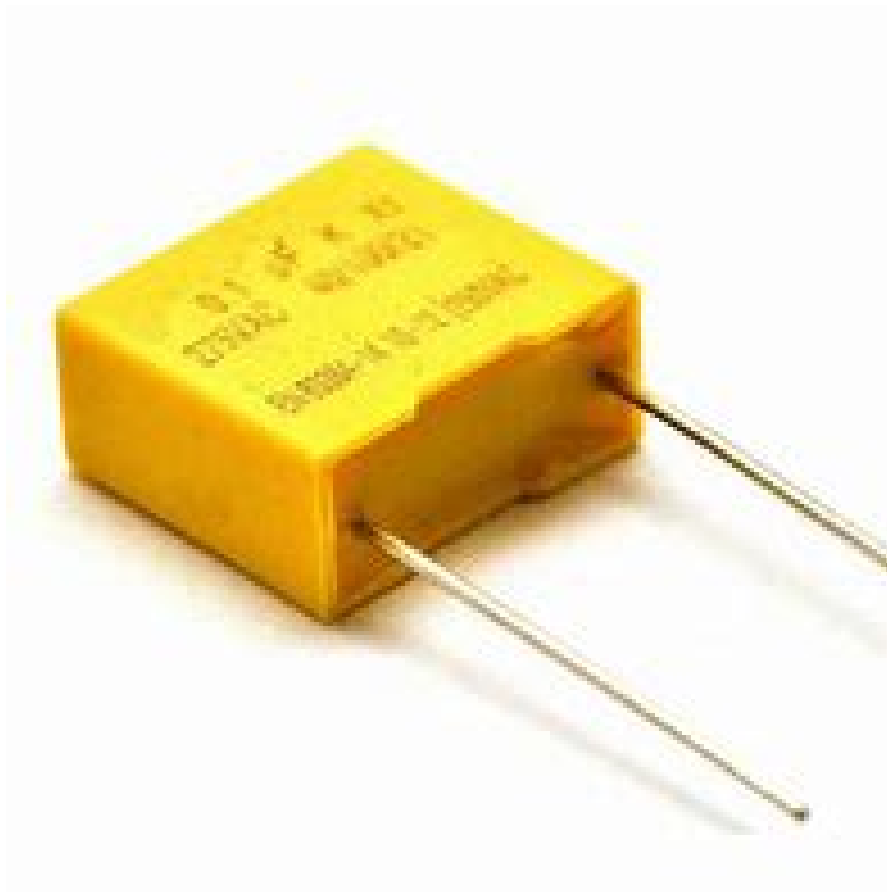
Safety capacitors are divided into x-type and y-type. The AC power input is divided into 3 terminals: live wire L/neutral wire N/ground wire G, (L=Line, N=Neutral, G=Ground). Across between "LN", that is, between "live wire-neutral wire" is the X capacitor; between "LG/NG", that is, between "live wire-ground wire or neutral wire-ground wire" is Y capacitance. Connecting a capacitor between the live wire and the neutral wire is like "X", and connecting a capacitor between the live wire and the ground wire is like a "Y", these are not divided according to what material.

#### X capacitor

Since the position of the capacitor connection is also critical, it also needs to comply with relevant safety standards. The X capacitor is also one of the safety capacitors. According to actual needs, the capacitance value of the X capacitor is allowed to be larger than that of the Y capacitor, but at this time, a safety resistor must be connected in parallel at both ends of the X capacitor to prevent the capacitor from being damaged due to the charging and discharging process when the power cord is unplugged and inserted. The power cord plug may be charged for a long time. The safety standard stipulates that when the power cord of the machine at work is unplugged, within two seconds, the live voltage (or ground potential) at both ends of the power cord plug must be less than 30% of the original rated working voltage.

#### Y capacitor

The connection positions of these two Y capacitors are critical and must comply with relevant safety standards to prevent leakage of electronic equipment or electrification of the chassis, which may endanger personal safety and life. They are all safety capacitors, so the capacitance value should not be too large, and the withstand voltage must be high. Under normal circumstances, the machine working in the subtropical zone requires that the leakage current to the ground should not exceed 0.7mA; the machine working in the temperate zone requires that the leakage current to the ground should not exceed 0.35mA. Therefore, the total capacity of Y capacitors generally cannot exceed 4700PF (472).



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