OKAYA electronic arc extinguisher R.C component, SE12001 275VAC 0.01UF-120Ω 103 Pin pitch:17.5MM
P/N: 200184

Product introduction:

The product adopts metallized polypropylene film as medium and electrode, high temperature resistant alkene shell and epoxy resin package. Its flame retardant characteristics meet ul-120 standard, with unidirectional lead-in structure. The product has high resistance to external electric interference, high reliability, good self-healing characteristics, and has good safety protection effect.

Product features:
X2-mkp metallized polypropylene film capacitor

■ Features
Small size
Low high frequency loss, able to withstand AC peak surge impact, strong over-current ability, capacity and loss attenuation is very small, long service life.
Package with PBT plastic shell, good appearance consistency

■ Application:
It is suitable for the development and design of resistance capacitance buck circuit

Technical requirements:

Climate category: 40 / 100 / 21
Rated voltage: 275VAC, 280VAC, 300VAC
Capacitance range: 0.001uF – 4.7uf
Capacitance Deviation: ± 10% (K) ± 20% (M)
Withstand voltage: 4.3UR
Insulation resistance: when C > 0.3uF, R.C > 2000s; when C ≤ 0.3uf, R > 6000M Ω (100VDC, 1min)
Loss tangent: ≤ 0.1% (1kHz 1.0V 20 ℃), ≤ 0.3% (10kHz 1.0V 20 ℃)

Matters needing attention:
Capacitors for EMI suppression of power supply

When capacitors are used to eliminate noise in power cross-over circuits, it is not only normal voltage, but also abnormal pulse voltage (such as lightning), which may cause the capacitor to smoke or fire. Therefore, the safety standard of the cross-over capacitor is strictly regulated in different countries, so the safety certified capacitor must be used. DC capacitors are not allowed to be used as cross-over capacitors. For class x2 capacitors used to suppress electromagnetic interference of power supply, they should be suitable for occasions where there is no risk of electric shock in case of capacitor failure. For example, the power supply is connected across lines and can withstand a pulse voltage of 2.5KV.