

SCF005-1206RB 0.05A Surface Mount PPTC Fuse

Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL, REACH, RoHS, ISO
- Model Number: SCF005-1206RB
- Minimum Order Quantity: 5000pcs
- Price: Negotiable
- Delivery Time: 5-8 work days



Product Specification

- Component Name: PPTC Resettable Fuse
- Package: Surface Mount
- I Hold: 0.05A
- I Trip: 0.15A
- V Max: 60.0Vdc
- I Max: 100A
- P Dtyp.: 0.4W
- Current: 0.25A
- Time: 1.5Sec.
- R Min: 3.6Ω
- R1 Max: 50.0Ω

Product Description

SOCAY Surface Mount PPTC Resettable Fuse SCF005-1206RB with Hold Current of 0.05A

PPTC Resettable Fuse DATASHEET: [SCF0805RB Series_v2408.1.pdf](#)

Product Description:

The surface mount package of this Surface Mount PPTC Resettable Fuse makes it easy to install on printed circuit boards (PCBs). It also has a small footprint, which saves space on the PCB. The radial lead design of this fuse also makes it easy to replace in case of a fault. This type of fuse is also very reliable and has a long operating life, which makes it ideal for use in critical applications. Overall, a Surface Mount PPTC Resettable Fuse is a great choice for protecting electronic circuits from overcurrents and short circuits. Its surface mount package and multifuse construction make it easy to install, replace, and maintain. Its PTC Polymer element also provides a resettable protection against overcurrents, which makes it ideal for use in critical applications.

Features:

RoHS Compliant & Halogen Free
Faster tripping, 1206 Dimension, Surface mountable, Solid state
Operation Current: 0.05A~2.00A
Maximum Voltage: 6V~60Vdc
Operating Temperature: -40 ~+85

Technical Parameters:

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I Trip	0.15A
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P dtyp.	0.4W
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Time	1.5Sec.
R Min	3.6Ω
R1 Max	50.0Ω

Applications:

One common application for the SOCAY 1206 Surface Mount PPTC Resettable Fuse is in battery packs. As lithium-ion batteries become more prevalent in consumer electronics, the need for reliable overcurrent protection is crucial. The SOCAY 1206 Surface Mount PPTC Resettable Fuse can be used to protect against overcurrents that may occur during charging or discharging of the battery. This ensures the safety and longevity of the battery pack.

Another application for the Surface Mount PPTC Resettable Fuse is in the automotive industry. As vehicles become more reliant on electronics, the need for reliable overcurrent protection increases. The SOCAY 1206 Surface Mount PPTC Resettable Fuse can be used to protect against overcurrents that may occur in various electronic systems in a vehicle, such as the engine control module or the infotainment system.

The SOCAY 1206 Surface Mount PPTC Resettable Fuse can also be used in industrial applications. For example, it can be used to protect machinery from overcurrent conditions that may occur during operation. This ensures the safety and reliability of the machinery, as well as the safety of the personnel operating the machinery.

With certifications such as UL, REACH, RoHS, and ISO, the SOCAY 1206 Surface Mount PPTC Resettable Fuse meets high industry standards for quality and safety. Its minimum order quantity of 5000pcs and negotiable price make it a cost-effective solution for businesses looking to protect their electronic systems. With a delivery time of 5-8 work days, businesses can quickly and easily integrate this protective component into their applications.

In summary, the SOCAY 1206 Surface Mount PPTC Resettable Fuse is a versatile and reliable electronic component that can be used in a variety of applications, from battery packs to automotive systems to industrial machinery. Its resettable nature and high industry certifications make it a top choice for businesses looking for a cost-effective and reliable overcurrent protection solution.

Packing and Shipping:

Product Packaging:

The PPTC resettable fuse will be packaged in a durable cardboard box with foam inserts to prevent any damage during shipping. The box will also include a user manual and safety instructions.

Shipping:

The PPTC resettable fuse will be shipped via a reputable courier service such as FedEx or UPS. The product will be carefully packaged and labeled with the necessary shipping information. Customers will receive a tracking number via email to track their shipment.



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