

PRODUCT OVERVIEW

APCA series power inductors realize **high inductance, high voltage & high temperature** characteristic.

The APCA00707045 is produced using a fully automated manufacturing and fully meets AEC-Q200 requirements.

Widely used **in different high-efficiency DC-DC converters, suitable for harsh working.**



Quick Facts

Size: 6X6X4.5 ~ 12x12x8 mm

NEW

Inductance: 1uH ~ 1000uH

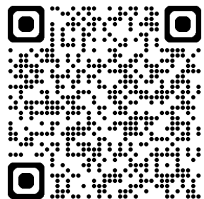
I_{rms} (A): 0.46 ~ 6.5A

Operating Voltage: ~ 1000V

Operating Temperature: -55°C to +150°C

Contact & Information

Visit our Product Pages on YAGEOGroup.com



Magnetics

Discrete Inductors

APCA, High Voltage Power Inductor



Key Selling Points

Features

Automotive Grade

High inductance

High operating voltage

High operating temperature

No thermal aging

Target Applications

- Buck/boost converter
- Consumer Electronics
- Communications
- Industrial
- Automotive
- Medical Devices
- Networking

Customer Value

Excellent performance in high-efficiency DC-DC conversion

Fully automated production line for 7x7x4.5 size to ensure demand fulfillment

Supports competitiveness and meets specific requirements

Ideal for high-voltage, harsh environments like automotive, industrial, and aerospace use

Market Advantages

This series is the ideal fit for power inductors suited to demanding environments.

Designed to reliably operate under high voltage conditions, ensuring stability and safety in demanding applications.

Meets certifications of AEC-Q200, ensuring quality and reliability for critical applications.