

LOW PROFILE CHOKES

PRODUCT SUMMARY

Description

C series low-power inductor chokes are the ideal solutions for implementing miniature DC/DC converter for mobile products such as PDA, mobile phone, notebook computer and adapter, etc. Furthermore, it offers a good solutions in Automobile electronic applications.

C-series made of iron-based amorphous alloys offer a better DC bias properties with lower winding turns that are not paralleled by other competing materials such as ferrites, iron-powder, sendust and permeability.

SHINHOM launched a new class of low-profile choke series with easy winding and more strengthened in mechanical during wound. The C-series made by iron based amorphous alloys with high saturation flux density of around 1.5T.

SHINHOM new revised economical up-to-date technologies on low-profile C-series manufacturing are based on our precise and years of experience in production technology. SHINHOM are pioneering new levels of performance by offering engineers new acceptable low-profile power line choke cores and low-profile noise filtering applications with excellent quality levels than ever before.

Based on customers requirement, SHINHOM can satisfy by good design solutions through our value added technical and manufacturing services.

Feature

- Low-profile SMD and THD type is available
- Miniature
- Magnetic shield type
- Good EMI performances
- Suitable for high density mounting
- Low power consumption
- High withstanding voltage
- High mechanical strength
- Easy to wound

Application

- DC/DC converters in PDA system
- AC/DC converters in adapter for mobile products
- DC/DC converters in mobile phone
- Output inductors for smaller size of DC/DC converter
- DC/DC converters for mobile CPU operation
- Single output SMPS for DC/DC converter module
- Pulse frequency modulation (PFM) integrated circuit below 10W class
- Pulse width modulation (PWM) integrated circuit above 10W class
- Battery charger
- Miniature type of automobile circuit applications