

INDUCTORS



www.kingcore.com

About us

PRODUCT INTRODUCTION

KING CORE ELECTRONICS INC.

KINGCOR
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PRODUCT SERIES

01

FERRITE CORE

02

CHIP
BEAD

03

CHIP INDUCTOR

04

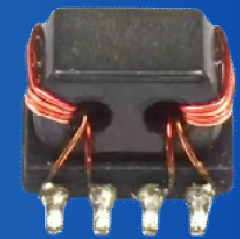
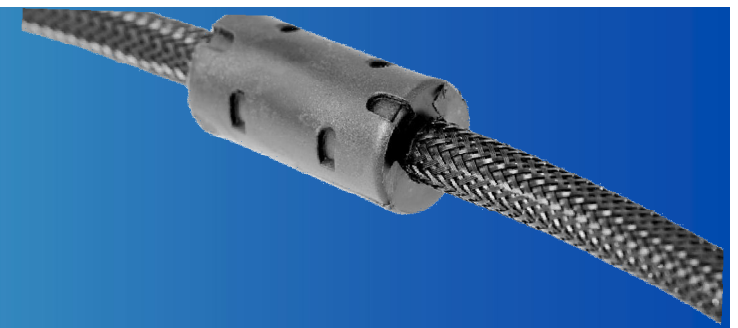
COMMON MODE CHOKE

05

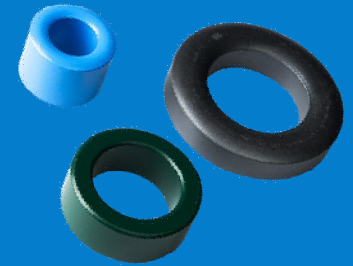
POWER CHOKE

APPLICATION

cable assembly, wire harness, flex PCB, connector, IC shielding, wireless charger, NFC, RFID, etc.



Hot Series



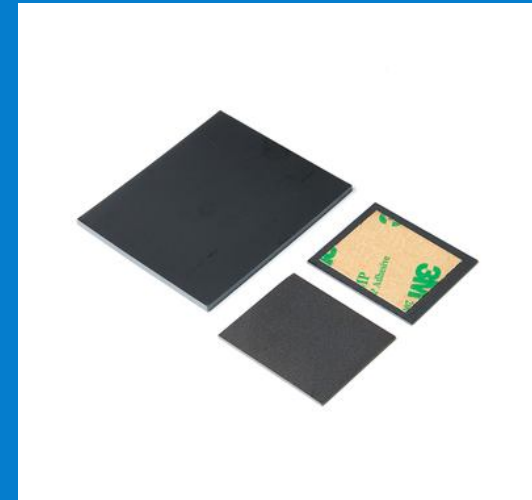
1. RC series

superior EMI suppression and noise reduction for round cable



2. FS series

filter out unwanted noise/EMI for flat cable, flex PCB

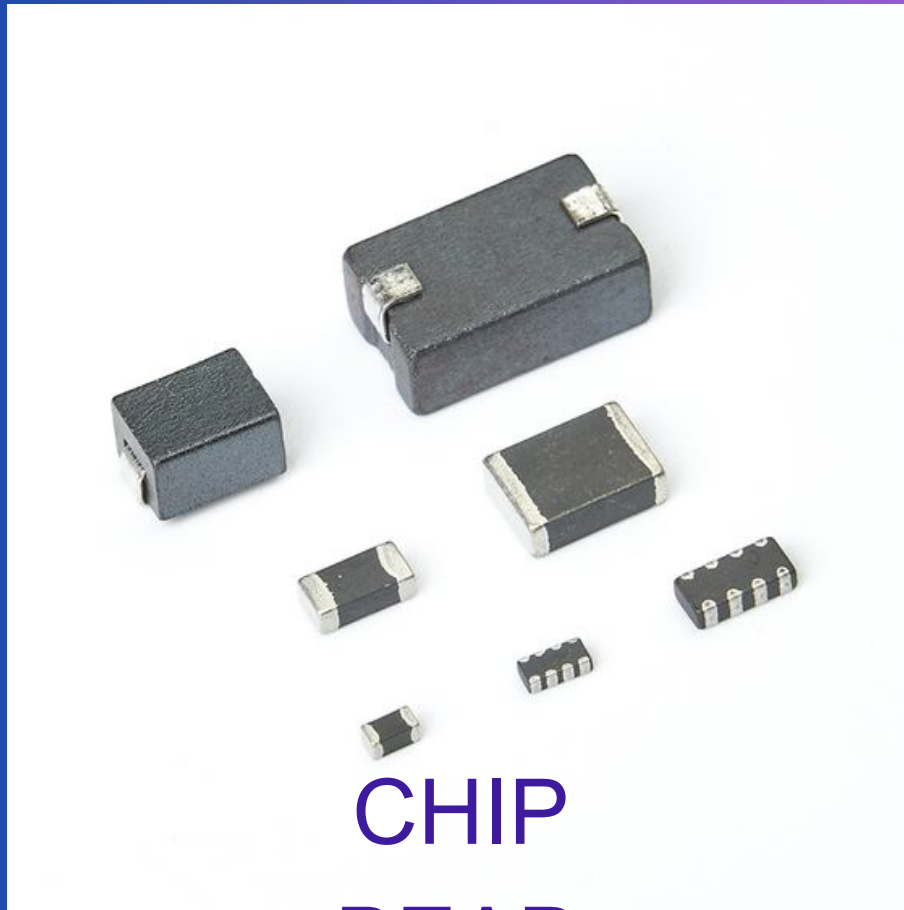


3. FT series

filter EMI, prevent heat, improve the efficiency for IC shielding, wireless charger, NFC, etc.



02



CHIP

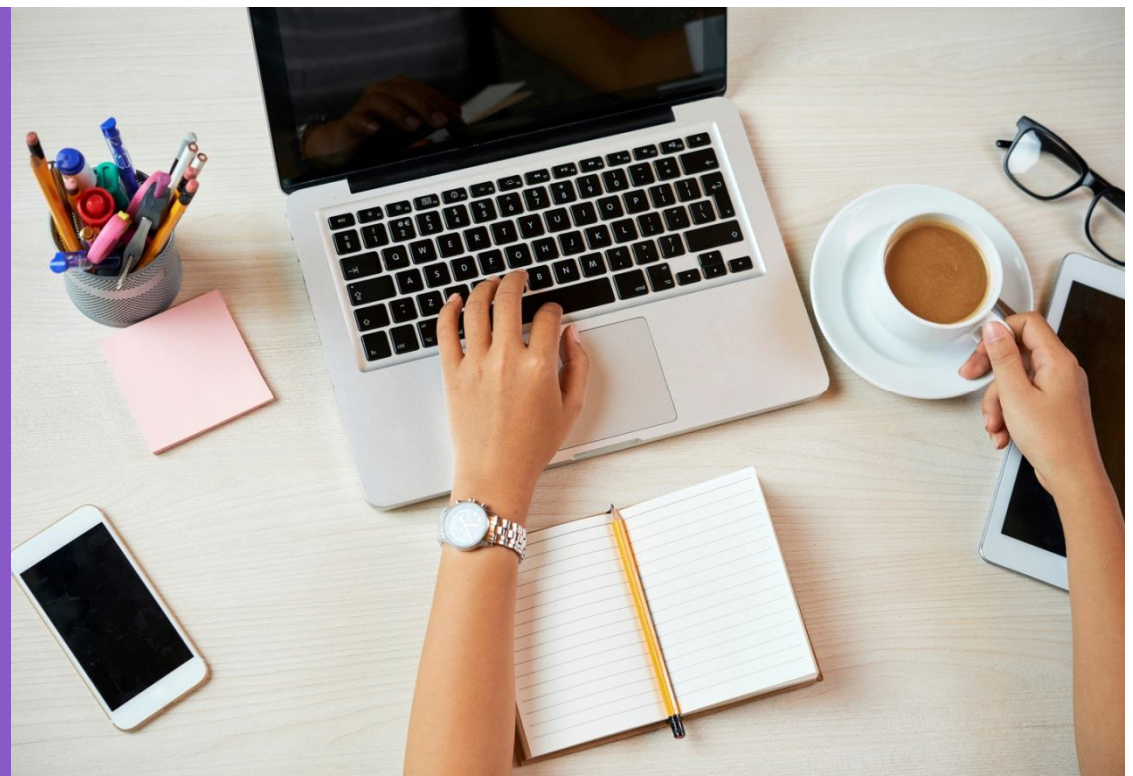
BEAD

▶ FEATURE

Designed for noise suppression and EMI filtering on general signal line, high-speed signal line, and DC power line

APPLICATION

Automotive electronics,
consumer electronics,
network communications,
IT products, new energy,
industrial equipment...



Hot Series



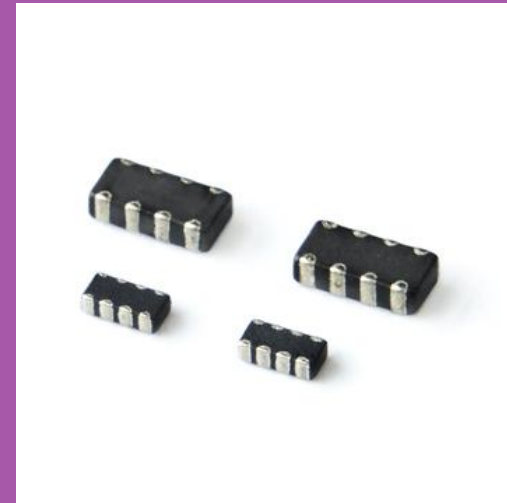
1. FBMA series

will help to improve the performance and reliability of electronic devices and systems by reducing EMI/RFI



2. FBCA series

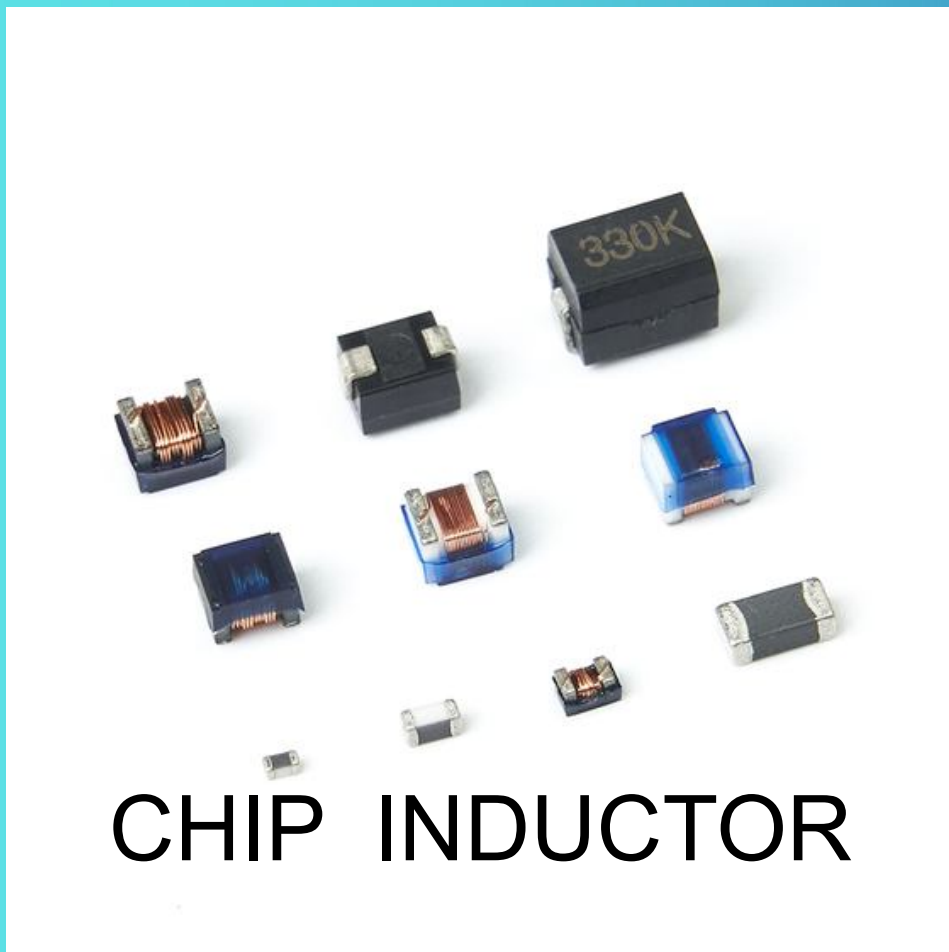
feature higher rating current, and have excellent EMI suppression effects for DC power line, power supply application, high current circuit



3. BA4A series

available in 4 lines by a single SMT chip, making them suitable for high-density circuit

03



▶ FEATURE

designed for signal processing, power conversion, and EMI/noise suppression

APPLICATION

Automotive electronics,
consumer electronics,
network communication,
wireless communication,
mobile phone, bluetooth,
GPS, modem, OA products...



Hot Series



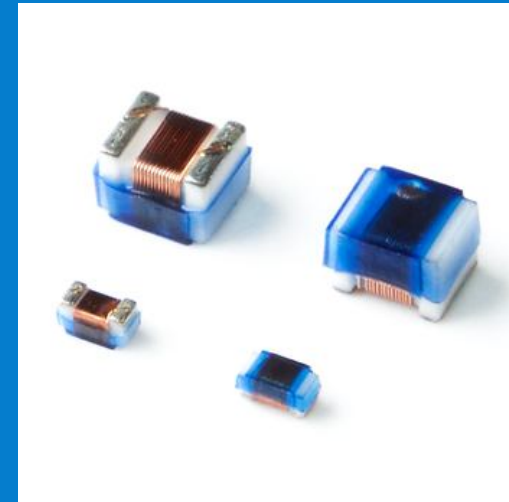
1. FLMA series

compose different LC filters with capacitors for modifying the signal waveform and EMI/noise suppression



2. FLCA series

feature higher current for providing impedance matching and power conversion



3. HLC series

designed for high frequency circuits up to several GHz for maintaining signal integrity at RF circuits

04



► FEATURE

suppress common mode noise, reduce EMI, and improve the quality of signal line or power line.

APPLICATION

Automotive network system(CAN BUS, FlexRay, ethernet system, LIN, LVDS), USB, HDMI, LAN interface, and signal lines & power lines for computer-related or electronic products...



Hot Series



1. WCM series

suppress common mode noise, filter EMI for USB, HDMI, lan interface, automotive electronics, ethernet system



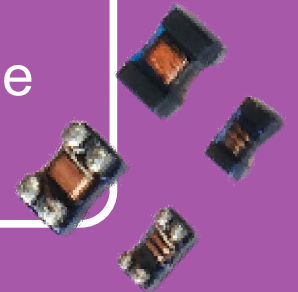
2. WCMSE series

preserve signal/power integrity for DC power line, power supply application, high current circuit

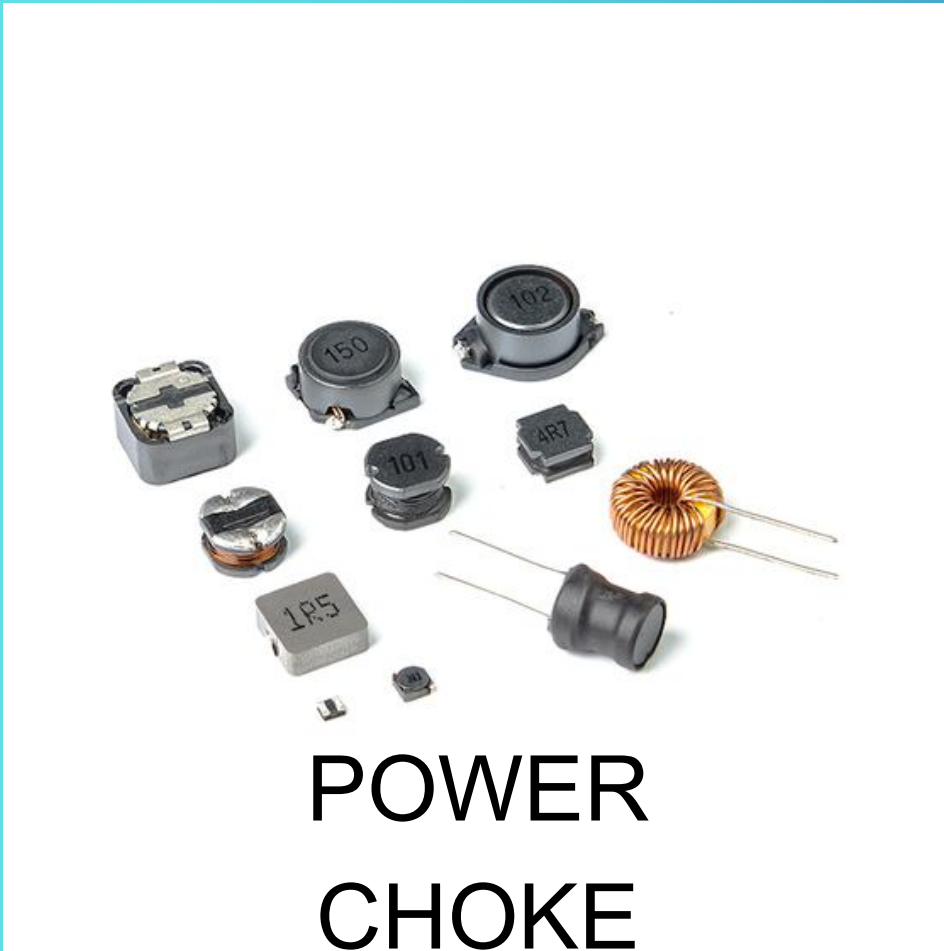


3. XC series

excellent EMI suppression effects at broadband frequency range



05



▶ FEATURE

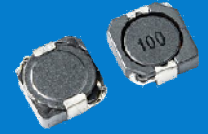
designed for energy saving, current smoothing, voltage regulation, filtering out unwanted noise/EMI

APPLICATION

used in DC-DC converters, power supply modules, voltage regulation, smart meters, solar controllers, LED drivers, and other related applications.



Hot Series



1. BSFNR series

feature high current saturation and wide inductance ranges for optimal energy storage and efficient power management



2. BSCDSU series

unshielded power chokes, particularly suitable for cost-critical mass applications

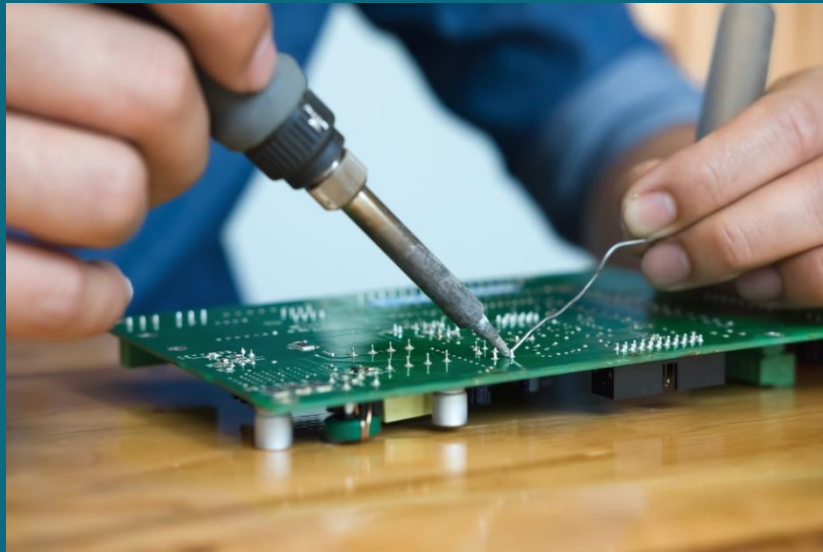


3. BSFSMSE series

provide with metal alloy powder construction, having the advantages of low core loss, low buzz noise, low DCR with ultra-large current



ENGINEERING KITS & FOLDERS



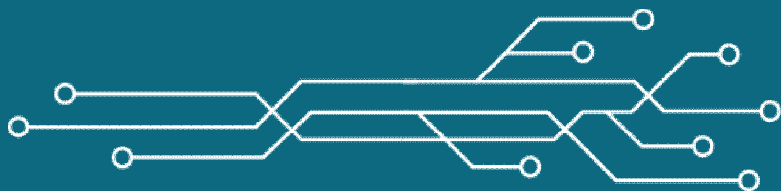
sampling of
suppression core for
post-assembly
operation or retrofit



KING CORE offers a full
line of engineering kits
featuring our top parts and
product lines to meet your
design needs.



sampling of chip,
coil, and choke
used in the original
design phase





KING CORE ELECTRONICS
INC.

Thank You



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