

Message From The Management

Erocore was established in 1997, our head office is located in Taipei . We have several production sites which are located in China . There are a thousands of qualify workforce input their skills into our production lines. We ensure that we produce the best of quality goods for our world-wide customers.

As a fast growing company, Erocore allocates large resources in upgrading our production facilities in order to increase the capacity. This enhances our competitiveness and enables us to fulfill our customer's requirements.

With more than twenty years expertise in R&D, Erocore is able to tailor specific products for individual customer's needs. Moreover, through our high quality control processes and advanced equipments, we can deliver high standard quality products to our customers. As a ISO9001 and ISO14001 certified company, Erocore aims to provide good products and service, not only satisfies customers' enquires but exceeds customers' expectations.

We look forward to your continuous support!

Corporate Philosophy

The Erocore

that you have chosen is the corporation that develops good culture and converts the good culture into tangible service so our customers can feel it.

Honesty

Erocore considers honesty is the foundation of company's spirit and Erocore builds the entire management philosophy upon it.

Innovation

Erocore has been putting efforts to develop products in order to meet customers' requirements. Through continuous products' innovation, Erocore is able to provide customers with even bigger market opportunity.

Service

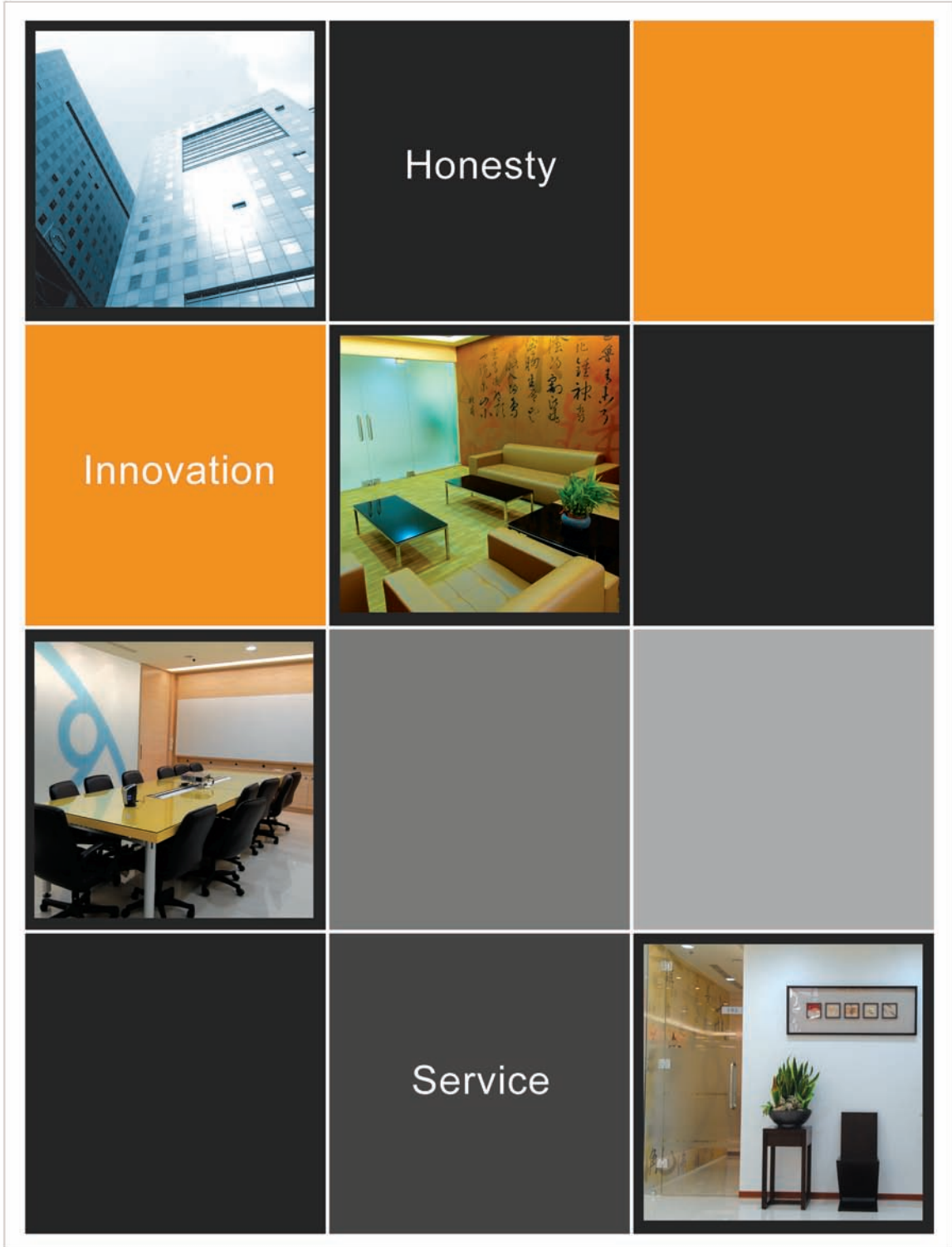
Erocore commits our customers to the best of quality service.

Learning and growing

Erocore commits to continuous learning and growing in order to deliver the best service we offer.

Thank you for choosing and supporting Erocore. You can make Erocore different.

Head Office

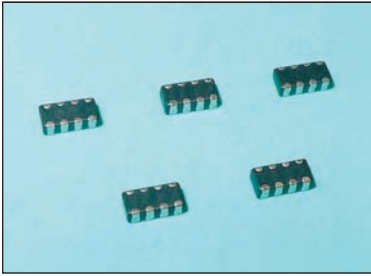


Erocore Global Network



SMD Chip Bead

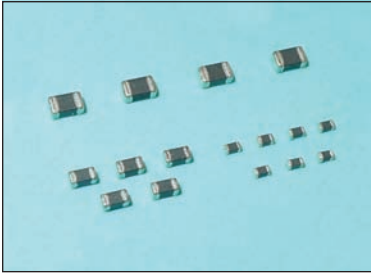
Multilayer Chip Bead Array / **CA Series**



Applications :
Removal of signal line noises of cellular phones, PCs, notebook PCs, TVs, DVDs, DSCs, game machines, digital photo frames, PNDs, etc.

| Dimensions | Impedance | RDC | Rated Current |
|------------|-----------|-----------|---------------|
| 3216 | 30~600 Ω | 0.2~0.6 Ω | 50~350 mA |

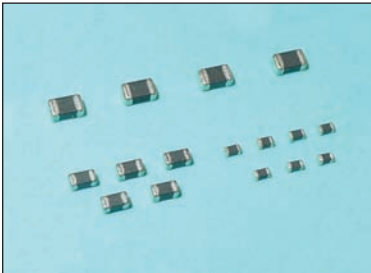
Multilayer Chip Bead / **CB Series**



Applications :
Removal of signal line noises of cellular phones, PCs, note PCs, TVs, TV tuners, STBs, audio players, DVDs, DSCs, DVCs, game machines, digital photo frames, car navigation system, PNDs, etc.

| Dimensions | Impedance | RDC | Rated Current |
|--------------|-----------|------------|---------------|
| 100505(0402) | 6~1500 Ω | 0.05~2 Ω | 60~500 mA |
| 160808(0603) | 6~2700 Ω | 0.4~1.3 Ω | 50~500 mA |
| 201209(0805) | 60~2700 Ω | 0.15~1.5 Ω | 100~500 mA |
| 321611(1206) | 70~2700 Ω | 0.1~0.6 Ω | 300~500 mA |
| 451616(1806) | 50~100 Ω | 0.2~0.3 Ω | 500~600 mA |

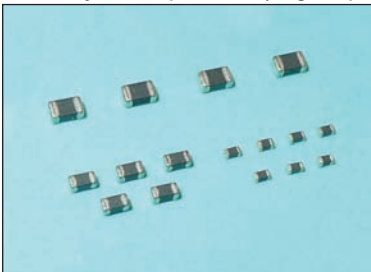
Multilayer Chip Bead (Large Current) / **CP Series**



Applications :
Removal of power line noises of cellular phones, PCs, note PCs, TVs, TV tuners, STBs, audio players, DVDs, DSCs, DVCs, game machines, digital photo frames, car navigation system, PNDs, etc.

| Dimensions | Impedance | RDC | Rated Current |
|--------------|-----------|--------------|---------------|
| 160808(0603) | 10~600 Ω | 0.03~0.2 Ω | 1000~4000 mA |
| 201209(0805) | 5~1500 Ω | 0.01~0.3 Ω | 1000~6000 mA |
| 321611(1206) | 19~600 Ω | 0.04~0.2 Ω | 2000~3000 mA |
| 322513(1210) | 30~90 Ω | 0.03~0.1 Ω | 2000~3000 mA |
| 451616(1806) | 50~80 Ω | 0.02~0.025 Ω | 3000~4000 mA |
| 453215(1812) | 70~1300 Ω | 0.03~0.06 Ω | 3000~4000 mA |

Multilayer Chip Bead (High Speed) / **CH Series**

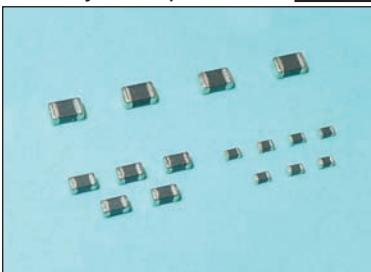


Applications :
High-speed circuits for computer & peripheral equipment and communication devices. Cellular phones. Suitable for circuits with unstable ground.

| Dimensions | Impedance | RDC | Rated Current |
|--------------|-----------|-------------|---------------|
| 100505(0402) | 6~600 Ω | 0.08~1.2 Ω | 200~500 mA |
| 160808(0603) | 6~2500 Ω | 0.05~1.5 Ω | 100~700 mA |
| 201209(0805) | 5~2700 Ω | 0.07~0.6 Ω | 200~800 mA |
| 321611(1206) | 32~1500 Ω | 0.15~0.45 Ω | 300~600 mA |

SMD Chip Inductor

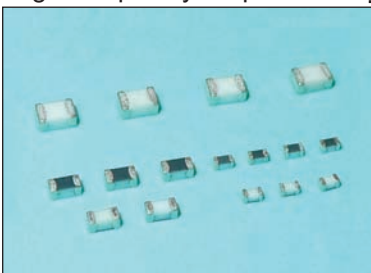
Multilayer Chip Inductor / **CL Series**



Applications :
For main board, CD-ROM, hard disk driver, digital TVs and VCRs Printers, wireless phone, personal computers and general consumer and computer products.

| Dimensions | Inductance | RDC | Rated Current |
|--------------|--------------|-------------|---------------|
| 160808(0603) | 0.047~33 μH | 0.3~2.95 Ω | 15~50 mA |
| 201209(0805) | 0.047~2.2 μH | 0.65~0.2 Ω | 30~300 mA |
| 201212(0805) | 2.7~33 μH | 0.75~1.25 Ω | 5~30 mA |
| 321611(1206) | 0.047~33 μH | 0.15~1.05 Ω | 5~300 mA |
| 322513(1210) | 0.12~33 μH | 0.22~5.6 Ω | 70~450 mA |

High Frequency Chip Inductor / **CF Series**

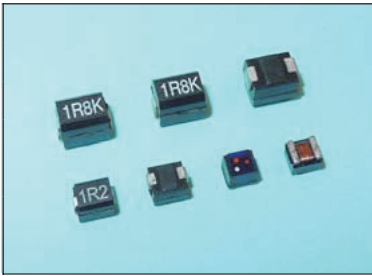


Applications :
For high-frequency applications including mobile phones, high frequency modules (PA, VCO, FEM etc.), Bluetooth, W-LAN, UWB and tuners.

| Dimensions | Inductance | RDC | Rated Current |
|--------------|------------|------------|---------------|
| 100505(0402) | 1~47 nH | 0.12~1.3 Ω | 150~300 mA |
| 160808(0603) | 1~100 nH | 0.05~1 Ω | 250~600 mA |
| 201209(0805) | 1.5~100 nH | 0.1~0.9 Ω | 200~300 mA |
| 201212(0805) | 120~470 nH | 0.95~1.5 Ω | 200 mA |

SMD Wire Wound Chip Inductor

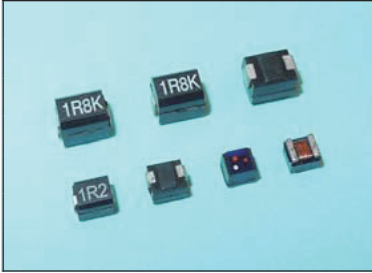
Wound Chip Inductor / NL Series



Applications :
 Audio-visual equipment including TVs, VCRs and digital cameras.
 Electronic equipment used in onboard automobile equipment including car audio and ECU systems.
 Other electronic equipment including HDDs and ODDs.

| Dimensions | Inductance | RDC | Rated Current |
|--------------|-------------------|------------------|---------------|
| 252018(1008) | 0.005~100 μH | 0.25~21 Ω | 120~2000 mA |
| 322522(1210) | 0.1~220 μH | 0.44~21 Ω | 50~450 mA |
| 453232(1812) | 0.1~1000 μH | 0.44~50 Ω | 30~450 mA |

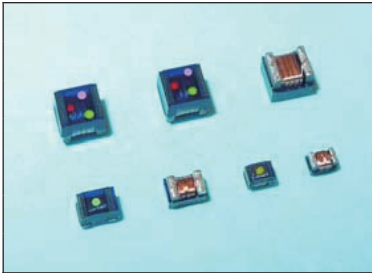
Wound Chip Inductor / NLS Series



Applications :
 Audio-visual equipment including TVs, VCRs and digital cameras.
 Electronic equipment used in onboard automobile equipment including car audio and ECU systems.
 Other electronic equipment including HDDs and ODDs.

| Dimensions | Inductance | RDC | Rated Current |
|--------------|----------------|--------------------|---------------|
| 252018(1008) | 1~33 μH | 0.13~2.47 Ω | 236~1000 mA |
| 322517(1208) | 1~6.8 μH | 0.13~0.48 Ω | 550~1200 mA |
| 322522(1210) | 1~680 μH | 0.12~22 Ω | 76~1200 mA |
| 453232(1812) | 1~330 μH | 0.11~13 Ω | 90~1050 mA |
| 565050(2220) | 1~1000 μH | 0.03~15 Ω | 85~1800 mA |

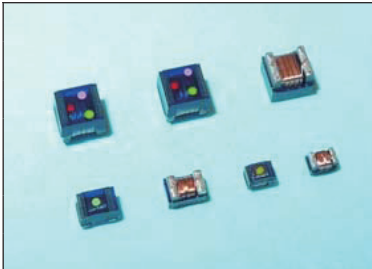
Wound Chip Inductor (Power Line) / NLT Series



Applications :
 Personal computers, Hard disk drives.
 xDSL modem and Cable modem.
 Digital camera and other electronic equipment.

| Dimensions | Inductance | RDC | Rated Current |
|------------|-----------------|----------------------|---------------|
| 0603 | 0.47~10 μH | 0.45~4.46 Ω | 400~1400 mA |
| 1008 | 1~47 μH | 0.34~7.8 Ω | 450~3000 mA |
| 1210 | 1~330 μH | 0.125~12.62 Ω | 160~2600 mA |

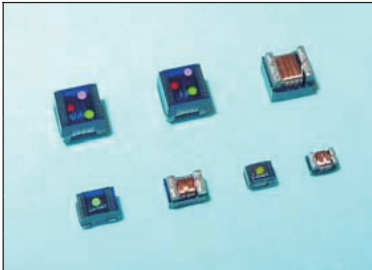
Wound Chip Inductor (Signal Line) / NLF Series



Applications :
 Personal computers, Hard disk drives.
 xDSL modem and Cable modem.
 Digital camera and other electronic equipment.

| Dimensions | Inductance | RDC | Rated Current |
|------------|------------------|--------------------|---------------|
| 0603 | 0.12~33 μH | 0.18~7.6 Ω | 120~1500 mA |
| 1008 | 0.22~100 μH | 0.4~19.6 Ω | 200~920 mA |
| 1210 | 1.8~220 μH | 0.6~12.48 Ω | 80~1000 mA |

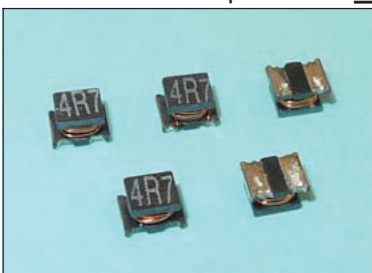
Wound Chip Inductor (Low RDC) / NPL Series



Applications :
 Personal computers, Hard disk drives.
 xDSL modem and Cable modem.
 Digital camera and other electronic equipment.

| Dimensions | Inductance | RDC | Rated Current |
|------------|------------------|--------------------|---------------|
| 0805 | 0.56~100 μH | 0.13~10.5 Ω | 70~1100 mA |

Surface Mount Chip Inductor / NLH Series

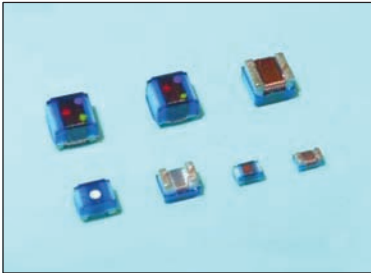


Applications :
 Personal, Cordless phone.
 High Freq. Communication Products.
 GPS(Global Position system).
 Personal computers.

| Dimensions | Inductance | RDC | Rated Current |
|------------|-----------------|------------------|---------------|
| 322520 | 0.1~560 μH | 0.25~28 Ω | 40~700 mA |
| 453226 | 1~2200 μH | 0.2~50 Ω | 30~500 mA |

SMD Wire Wound Ceramic Chip Inductor

Wire Wound Ceramic Chip Inductor / *MSC Series*



Applications :
RF products for cellular phone, GPS receiver, Base Stations, Repeater, Wireless LAN / Mouse / Keyboard / earphone, remote control, security system and other RF modules.

| Dimensions | Inductance | RDC | Rated Current |
|------------|-------------|-------------|---------------|
| 0402 | 1~100 nH | 0.045~2 Ω | 30~1360 mA |
| 0603 | 1.6~390 nH | 0.03~4.35 Ω | 100~700 mA |
| 0805 | 2.8~1000 nH | 0.06~2.5 Ω | 170~800 mA |
| 1008 | 10~15000 nH | 0.08~11 Ω | 100~1000 mA |

SMD Unshielded Power Inductor

Unshielded Power Inductor / *PI Series*



Applications :
Power supply for VCR, OA equipment, LCD television set notebook, DC to DC converters, DC to AC inverters, etc. VCR, notebook PCs, Portable communication equipment.

| Dimensions | Inductance | RDC | Rated Current |
|------------|------------|--------------|---------------|
| 0301 | 1~10 μH | 0.05~0.9 Ω | 0.4~1 A |
| 0316 | 1~1800 μH | 0.05~65 Ω | 0.015~0.75 A |
| 0302 | 1~330 μH | 0.045~9.5 Ω | 0.09~2.2 A |
| 0403 | 1~1000 μH | 0.033~15.6 Ω | 0.14~3.8 A |
| 0502 | 1.2~470 μH | 0.05~6.7 Ω | 0.15~4.2 A |
| 0503 | 1~1000 μH | 0.03~8 Ω | 0.13~4.5 A |
| 0504 | 1~1000 μH | 0.015~4.8 Ω | 0.14~5.9 A |
| 0703 | 10~1000 μH | 0.08~3.8 Ω | 0.08~1.44 A |
| 0705 | 10~1000 μH | 0.07~3.9 Ω | 0.2~2.3 A |
| 1004 | 10~1000 μH | 0.053~3.5 Ω | 0.29~2.38 A |
| 1005 | 10~1000 μH | 0.06~3 Ω | 0.2~2.6 A |

Unshielded Power Inductor / *PIL Series*



Applications :
Excellent for power line DC-DC converter applications. Used in hard disk, notebook computers and other electronic equipment.

| Dimensions | Inductance | RDC | Rated Current |
|------------|-------------|--------------|---------------|
| 0603 | 1.2~1000 μH | 0.025~13.5 Ω | 0.14~2.7 A |
| 0604 | 1.2~1000 μH | 0.025~6 Ω | 0.16~3.0 A |
| 0605 | 1.2~1000 μH | 0.028~4.1 Ω | 0.16~3.5 A |
| 0703 | 1~1000 μH | 0.02~5.6 Ω | 0.15~3.2 A |
| 0705 | 1~1000 μH | 0.023~4 Ω | 0.18~3.5 A |
| 1003 | 1.8~1000 μH | 0.027~7 Ω | 0.24~4.0 A |
| 1004 | 1.8~1000 μH | 0.023~2.8 Ω | 0.38~5.5 A |

Unshielded Power Inductor / *HPI Series*



Applications :
Notebook computers, Step-up and step-down Converters, Flash, Memory programmers, etc.

| Dimensions | Inductance | RDC | Rated Current |
|------------|------------|-------------|---------------|
| 1608 | 1~1000 μH | 0.05~13.8 Ω | 0.1~2.9 A |
| 3308 | 10~1000 μH | 0.11~8.4 Ω | 0.1~2.4 A |
| 3316 | 1~1000 μH | 0.009~3 Ω | 0.3~9 A |
| 3340 | 1~1000 μH | 0.04~2 Ω | 0.8~8 A |
| 5022 | 1~1000 μH | 0.009~1.8 Ω | 1~20 A |

Unshielded Power Inductor / *PDH Series*

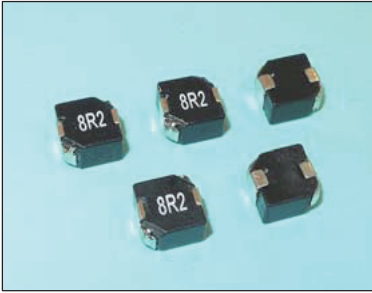


Applications :
Excellent for power line DC-DC converter applications. Used in notebook computers, PDA, step up or step down converters.

| Dimensions | Inductance | RDC | Rated Current |
|------------|--------------|---------------|---------------|
| 1606 | 1~100 μH | 0.04~2.3 Ω | 0.3~2.5 A |
| 1608 | 1~1000 μH | 0.05~13.8 Ω | 0.1~2.9 A |
| 1813 | 0.18~100 μH | 0.003~1.11 Ω | 0.53~10 A |
| 3316 | 0.33~10 μH | 0.002~0.038 Ω | 3.8~20 A |
| 5022 | 0.78~1000 μH | 0.0026~1.6 Ω | 0.4~30 A |

SMD Shielded Power Inductor

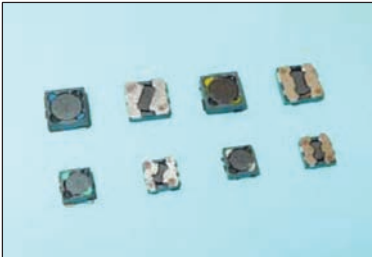
High Current Power Inductor / *PIHD Series*



Applications :
Excellent for power line DC-DC converter applications used in power switchings, Note book computers, VRMs, personal computers and other handheld electronic equipment.

| Dimensions | Inductance | RDC | Rated Current |
|------------|------------------|---------------------|---------------|
| 0603H | 0.33~10 μ H | 3.9~105 m Ω | 3~20 A |
| 0604P | 0.33~10 μ H | 1.4~60 m Ω | 4.5~25 A |
| 1004H | 0.36~10 μ H | 1.4~35 m Ω | 5~28 A |
| 1203H | 0.47~10 μ H | 2~34 m Ω | 7~32 A |
| 1205P | 0.47~10 μ H | 1.3~25.5 m Ω | 9~38 A |
| 1207H | 0.47~10 μ H | 1.2~16.8 m Ω | 10~41 A |
| 1354S | 0.68~4.7 μ H | 1.5~8.8 m Ω | 13~29.7 A |

Shielded Power Inductor / *PIHS Series*



Applications :
Low profile / large current specifically suitable for Portable telephones, hard disk drives, PDA, DSC and other electronic equipment.

| Dimensions | Inductance | RDC | Rated Current |
|------------|----------------|----------------------|---------------|
| 2D10S | 1.2~33 μ H | 0.078~1.6 Ω | 220~1000 mA |
| 2D10P | 1.2~33 μ H | 0.078~1.6 Ω | 220~1000 mA |
| 2D15SH | 1~47 μ H | 0.049~1.814 Ω | 400~2600 mA |
| 2D15SL | 1~22 μ H | 0.038~0.59 Ω | 260~1040 mA |
| 2D15PH | 1~47 μ H | 0.049~1.814 Ω | 400~2600 mA |
| 2D15PL | 1~22 μ H | 0.038~0.59 Ω | 260~1040 mA |
| 2D18SH | 1~22 μ H | 0.045~0.75 Ω | 640~3000 mA |
| 2D18SL | 1~27 μ H | 0.038~0.49 Ω | 220~960 mA |
| 2D18PH | 1~22 μ H | 0.045~0.75 Ω | 640~3000 mA |
| 2D18PL | 1~27 μ H | 0.038~0.49 Ω | 220~960 mA |
| 25D10PH | 1~33 μ H | 0.1~3.1 Ω | 420~2200 mA |
| 25D10PL | 1~27 μ H | 0.065~1.085 Ω | 360~1700 mA |
| 25D18P | 1~47 μ H | 0.046~1.283 Ω | 500~3200 mA |
| 3D12S | 1~33 μ H | 0.045~1.165 Ω | 420~2300 mA |
| 3D12P | 1~33 μ H | 0.045~1.165 Ω | 420~2300 mA |
| 3D15S | 1~47 μ H | 0.04~1.15 Ω | 340~2300 mA |
| 3D15P | 1~47 μ H | 0.04~1.15 Ω | 340~2300 mA |
| 3D18S | 1~68 μ H | 0.038~0.975 Ω | 300~2600 mA |
| 3D18P | 1~68 μ H | 0.038~0.975 Ω | 300~2600 mA |

Shielded Power Inductor / *PIH Series*

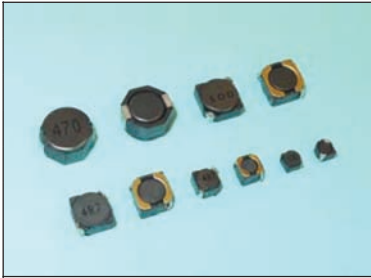


Applications :
DC-DC converters
Camcorder, LCD television set, Digital camera, P.D.A., Notebook.

| Dimensions | Inductance | RDC | Rated Current |
|------------|------------------|-----------------------|---------------|
| 2D11 | 1.5~10 μ H | 68~400 m Ω | 0.35~0.9 A |
| 2D14 | 1.5~12 μ H | 63~394 m Ω | 0.62~1.8 A |
| 2D18 | 2.2~47 μ H | 41~660 m Ω | 0.2~0.85 A |
| 3D11 | 1~100 μ H | 70~3650 m Ω | 0.08~1.36 A |
| 3D16 | 3.3~47 μ H | 66~755 m Ω | 0.21~0.8 A |
| 3D28 | 10~220 μ H | 92~1269 m Ω | 0.116~0.5 A |
| 4D18 | 1~100 μ H | 0.045~1.73 m Ω | 0.2~1.72 A |
| 4D28 | 1.2~150 μ H | 0.024~1.35 m Ω | 0.24~2.56 A |
| 5D18 | 4.1~330 μ H | 0.057~4.34 m Ω | 0.18~1.95 A |
| 5D28 | 2.6~680 μ H | 0.018~4.15 m Ω | 0.16~2.6 A |
| 6D28 | 3~680 μ H | 0.024~5.15 m Ω | 0.2~3 A |
| 6D38 | 3.3~100 μ H | 0.02~5.7 m Ω | 0.2~3.5 A |
| 8D28 | 2.5~100 μ H | 15.6~980 m Ω | 0.75~4.5 A |
| 8D38 | 1.8~100 μ H | 15.6~410 m Ω | 0.88~6.2 A |
| 8D43 | 2~100 μ H | 14~360 m Ω | 0.3~7 A |
| 10D30 | 0.8~150 μ H | 5.7~871 m Ω | 0.84~11.2 A |
| 10D40 | 1.5~330 μ H | 8.1~1090 m Ω | 0.7~10 A |
| 10D50 | 0.8~1000 μ H | 4.3~1989 m Ω | 0.42~9.5 A |
| 10D60 | 1.3~1000 μ H | 6.0~2000 m Ω | 0.45~11 A |
| 10D68 | 1.3~1000 μ H | 5.0~2050 m Ω | 0.52~12 A |

SMD Shielded Power Inductor

Shielded Power Inductor / PIN Series



Applications :
DC-DC converters
Camcorder, LCD television set, Digital camera,
P.D.A., Notebook.

| Dimensions | Inductance | RDC | Rated Current |
|------------|------------------|---------------------|---------------|
| 2D11LD | 1.5~10 μH | 68~400 m Ω | 0.35~0.9 A |
| 2D11HP | 0.33~18 μH | 52~1090 m Ω | 0.3~1.9 A |
| 2D14 | 1.5~12 μH | 63~394 m Ω | 0.62~1.8 A |
| 2D18LD | 2.2~15 μH | 41~660 m Ω | 0.2~0.85 A |
| 2D18HP | 1.7~47 μH | 44~1430 m Ω | 0.37~1.85 A |
| 3D14LD | 1~47 μH | 69~1356 m Ω | 0.25~2 A |
| 3D16LD | 3.3~47 μH | 66~775 m Ω | 0.21~0.8 A |
| 3D16HP | 1.7~33 μH | 51~870 m Ω | 0.46~2 A |
| 4D18 | 1~180 μH | 45~4000 m Ω | 0.14~1.72 A |
| 4D28 | 1.2~180 μH | 24~1540 m Ω | 0.22~2.56 A |
| 5D18 | 4.1~100 μH | 57~1200 m Ω | 0.36~1.95 A |
| 5D28 | 2.6~100 μH | 18~520 m Ω | 0.42~2.6 A |
| 6D28 | 3~100 μH | 24~535 m Ω | 0.54~3 A |
| 6D38 | 3.3~100 μH | 20~358 m Ω | 0.65~3.5 A |
| 8D28 | 1~100 μH | 11~430 m Ω | 0.75~6.5 A |
| 8D38 | 1.8~100 μH | 15.6~410 m Ω | 1.05~7 A |
| 8D43 | 0.68~100 μH | 9.5~360 m Ω | 1.3~9 A |

Shielded Power Inductor / PIC Series



Applications :
Excellent for power line DC-DC converter
applications used in hard disk, notebook
computers and other electronic equipment.

| Dimensions | Inductance | RDC | Rated Current |
|------------|------------------|---------------------|---------------|
| 0603 | 10~330 μH | 0.15~4.94 Ω | 0.19~1.1 A |
| 0605 | 10~1000 μH | 0.12~9.26 Ω | 0.14~1.35 A |
| 0703 | 10~1000 μH | 0.072~9.44 Ω | 0.16~1.68 A |
| 0704 | 10~1000 μH | 0.049~6 Ω | 0.18~1.84 A |
| 1204 | 3.9~330 μH | 0.015~0.99 Ω | 0.5~6.5 A |
| 1205 | 1.3~1000 μH | 0.012~1.53 Ω | 0.4~8 A |
| 1207 | 1.2~1000 μH | 0.007~1.82 Ω | 0.55~9.8 A |

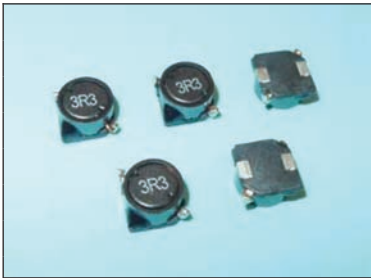
Shielded Power Inductor / PID Series



Applications :
Excellent for power line DC-DC converter
applications used in hard disk, notebook
computers and other electronic equipment.

| Dimensions | Inductance | RDC | Rated Current |
|------------|------------------|---------------------|---------------|
| 0703 | 10~1000 μH | 0.072~9.44 Ω | 0.16~1.68 A |
| 0704 | 10~1000 μH | 0.049~6 Ω | 0.18~1.84 A |
| 1204 | 3.9~330 μH | 0.015~0.99 Ω | 0.5~6.5 A |
| 1205 | 1.3~1000 μH | 0.012~1.53 Ω | 0.4~8 A |
| 1207 | 1.2~1000 μH | 0.007~1.82 Ω | 0.55~9.8 A |

Shielded Power Inductor / SPIB Series




Applications :
Excellent for power line DC-DC converter
applications used in TVs, PDPs, notebook PCs,
portable DVD players, terminal adapters,
amusement games, LCD monitors, digital
audios, etc.

| Dimensions | Inductance | RDC | Rated Current |
|------------|------------------|----------------------|---------------|
| 6025 | 4.7~100 μH | 0.0367~0.6 Ω | 0.33~1.5 A |
| 6028 | 4.7~100 μH | 0.034~0.516 Ω | 0.42~1.6 A |
| 6038 | 1~1000 μH | 0.022~5.7 Ω | 0.11~2.5 A |
| 6048 | 1~100 μH | 0.023~0.42 Ω | 0.3~2.7 A |
| 6058 | 150~1000 μH | 0.63~4.15 Ω | 0.25~0.1 A |
| 7028 | 3.3~47 μH | 0.037~0.34 Ω | 0.54~1.6 A |
| 7030 | 3.3~100 μH | 0.023~0.45 Ω | 0.35~1.8 A |
| 7032 | 3.3~1000 μH | 0.023~4.78 Ω | 0.13~1.9 A |
| 7045 | 3.3~1000 μH | 0.14~2.5 Ω | 0.25~2.3 A |
| 10130 | 1.5~1000 μH | 0.022~5.1 Ω | 0.18~4 A |
| 10145 | 10~1500 μH | 0.036~3.4 Ω | 0.26~2.5 A |
| 12555 | 6~1500 μH | 16.4~1730 Ω | 0.29~3.6 A |
| 12565 | 2~150 μH | 11.7~273 Ω | 1~10 A |
| 12575 | 1.2~220 μH | 6.9~258 Ω | 1.3~8.2 A |

SMD Shielded Power Inductor


Shielded Power Inductor / PIM Series



Applications :
Excellent as VTR , OA equipment, LCD television sets, notebook PC, portable communication equipment, DC/DC converters, etc.

| Dimensions | Inductance | RDC | Rated Current |
|------------|-----------------|----------------------|---------------|
| 0420 | 1~100 μH | 0.028~3.44 Ω | 0.19~2 A |
| 0518 | 1.2~47 μH | 0.046~0.93 Ω | 0.33~1.8 A |
| 0520 | 1.2~100 μH | 0.044~1.5 Ω | 0.23~2.15 A |
| 0530 | 1.1~220 μH | 0.02~1.2 Ω | 0.18~3.87 A |
| 0610 | 2.2~100 μH | 0.13~3.5 Ω | 0.19~1.5 A |
| 0620 | 1~47 μH | 0.016~0.542 Ω | 0.5~3.5 A |
| 0625 | 1~100 μH | 0.014~0.82 Ω | 0.33~3.48 A |
| 0630 | 1~150 μH | 0.014~0.769 Ω | 0.31~3.59 A |
| 0635 | 2~150 μH | 0.02~0.691 Ω | 0.367~2.997 A |
| 1203 | 1~100 μH | 0.011~0.464 Ω | 1.1~12 A |
| 1205 | 1.5~330 μH | 0.005~0.99 Ω | 0.5~8.1 A |
| 1206 | 10~270 μH | 0.025~0.46 Ω | 0.75~4 A |
| 1208 | 1.2~100 μH | 0.005~0.22 Ω | 1.7~9.8 A |

Shielded Power Inductor / PIMN Series



Applications :
Excellent as VTR , OA equipment, LCD television sets, notebook PC, portable communication equipment, DC/DC converters, etc.

| Dimensions | Inductance | RDC | Rated Current |
|------------|----------------|--------------------|---------------|
| 10D50 | 0.8~47 μH | 4.3~130 m Ω | 2.5~12.5 A |

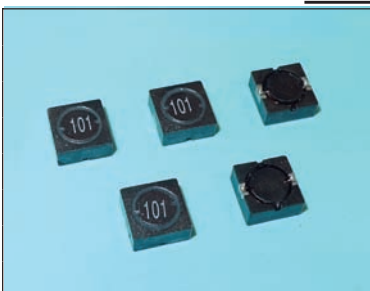
Shielded Power Inductor / PIR Series



Applications :
Excellent as VTR , OA equipment, LCD television sets, notebook PC, portable communication equipment, DC/DC converters, etc.

| Dimensions | Inductance | RDC | Rated Current |
|------------|------------------|--------------------|---------------|
| 0502 | 1~68 μH | 0.05~0.92 Ω | 0.23~1.7 A |
| 0603 | 1~68 μH | 0.05~0.82 Ω | 0.42~2.6 A |
| 0705 | 10~270 μH | 0.07~1.3 Ω | 0.33~1.65 A |
| 1005 | 10~470 μH | 0.06~1.5 Ω | 0.33~2.06 A |
| 1205 | 4.7~1000 μH | 0.03~2.5 Ω | 0.32~3.5 A |


Shielded Power Inductor / PIU Series



Applications :
Excellent as VTR , OA equipment, LCD television sets, notebook PC, portable communication equipment, DC/DC converters, etc.

| Dimensions | Inductance | RDC | Rated Current |
|------------|------------------|-----------------------|---------------|
| 0703 | 1.2~100 μH | 0.02~0.78 Ω | 0.3~2.73 A |
| 0704 | 10~1000 μH | 0.049~6 Ω | 0.18~1.84 A |
| 1004 | 1.5~330 μH | 0.008~1.09 Ω | 0.7~10 A |
| 1007 | 0.56~5.6 μH | 0.012~0.0028 Ω | 6.9~18 A |

Shielded Power Inductor / HSPI Series

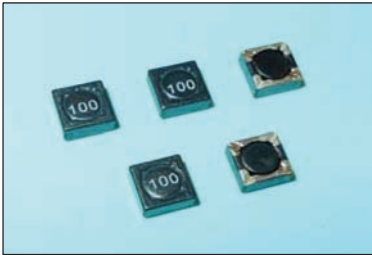


Applications :
Notebook computers, Step-up and step-down Converters, Flash, Memory programmers, etc.

| Dimensions | Inductance | RDC | Rated Current |
|------------|-----------------|--------------------|---------------|
| 1608 | 1~1000 μH | 0.04~32.8 Ω | 0.017~1.4 A |
| 3316 | 1~1000 μH | 0.021~8.3 Ω | 0.2~5 A |
| 5022 | 10~1000 μH | 0.04~2.01 Ω | 0.53~3.9 A |

SMD Shielded Power Inductor

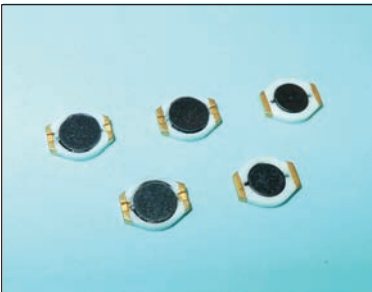
Shielded Power Inductor / PIQ Series



Applications :
LCD driving circuits (DC-DC converters) such as notebook-sized personal computers, portable terminal equipment, game units, etc.

| Dimensions | Inductance | RDC | Rated Current |
|------------|-------------------|-----------------------|---------------|
| 3811 | 1.5~100 μH | 0.055~3.6 Ω | 0.18~1.6 A |
| 3818 | 1.5~100 μH | 0.047~2.4 Ω | 0.25~1.75 A |
| 5010 | 0.47~470 μH | 0.0249~12.1 Ω | 0.11~3.54 A |
| 5012 | 0.47~1000 μH | 0.0246~17.2 Ω | 0.121~3.19 A |
| 5018 | 0.47~1000 μH | 0.0201~14.01 Ω | 0.102~4.63 A |
| 5020 | 0.47~1000 μH | 0.02~8.73 Ω | 0.088~4 A |
| 5025 | 0.47~1000 μH | 0.0177~5.7 Ω | 0.126~6 A |
| 5018 | 1.2~220 μH | 0.03~2.5 Ω | 0.23~3 A |
| 5028 | 2.6~680 μH | 0.03~4.3 Ω | 0.14~2.7 A |
| 6822 | 0.9~680 μH | 0.014~3.5 Ω | 0.15~4.6 A |
| 6828 | 2.5~680 μH | 0.025~3.1 Ω | 0.2~3 A |

Shielded Power Inductor / DOL Series

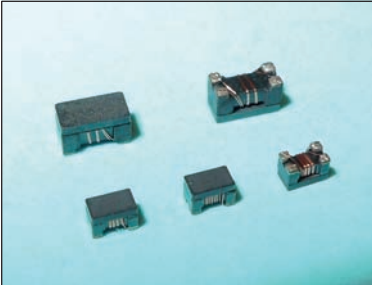


Applications :
PC Cards and other low profile applications.

| Dimensions | Inductance | RDC | Rated Current |
|------------|------------------|---------------------|---------------|
| 1704 | 1.2~330 μH | 0.08~15 Ω | 0.13~2.1 A |
| 2506 | 4.7~1000 μH | 0.145~14.2 Ω | 0.1~1.6 A |

SMD Common Mode Choke Filter

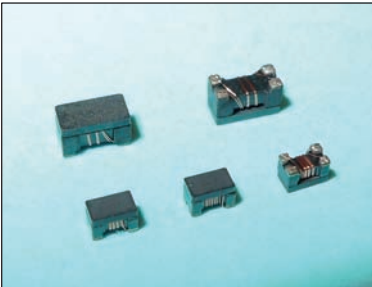
SMD Common Mode Filter (USB2.0) / CML Series



Applications :
Common mode noise suppression of signal lines in high speed and high density digital equipment such as personal computers and peripherals.

| Dimensions | Impedance | RDC | Rated Current |
|------------|-----------------|------------------|---------------|
| 201212 | 90~220 Ω | 0.3~0.4 Ω | 300~400 mA |
| 321620 | 90~220 Ω | 0.3~0.4 Ω | 300~400 mA |

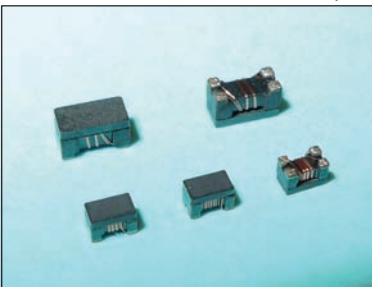
SMD Common Mode Filter (HDMI) / CMH Series



Applications :
For new HDMI™ interfaces used in digital video devices:
CMH is suited for use on the transmission side (Source) of digital TVs, DVD recorders and liquid crystal projectors.

| Dimensions | Impedance | RDC | Rated Current |
|------------|-------------|--------------|---------------|
| 201212 | 90 Ω | 0.3 Ω | 400 mA |

SMD Common Mode Filter (DVI) / CMD Series

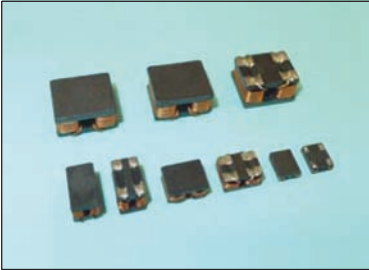


Applications :
For digital video signal interfaces DVI (UXGA) used in PCs and other devices/High-speed differential signal interfaces for USB 2.0, IEEE1394 and Serial-ATA

| Dimensions | Impedance | RDC | Rated Current |
|------------|-------------|--------------|---------------|
| 201212 | 90 Ω | 0.3 Ω | 400 mA |

SMD Common Mode Choke Filter

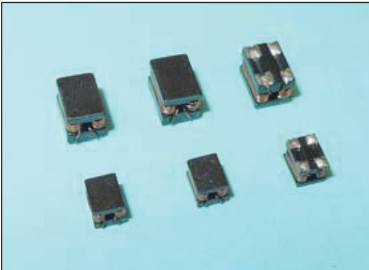
SMD Common Mode Choke Filter / *JFE Series*



Applications :
EMI Filter for DC power line. It provides high current, high impedance, SCANNER, PDA, PDX, STB, MB, etc.

| Dimensions | Impedance | RDC | Rated Current |
|------------|------------|----------|---------------|
| 465516 | 150~350 Ω | 70 mΩ | 2 A |
| 750603 | 600~700 Ω | 45~50 mΩ | 2 A |
| 508550 | 2000 Ω | 75 mΩ | 2.5 A |
| 100805 | 700~900 Ω | 45~50 mΩ | 4 A |
| 121006 | 800~1200 Ω | 30~45 mΩ | 5 A |

SMD Common Mode Choke Filter / *JFR Series*

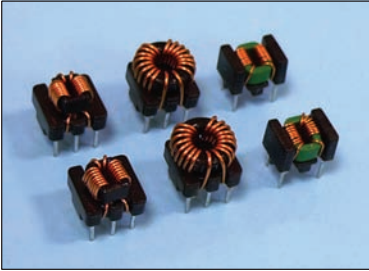


Applications :
EMI Filter for DC power line. It provides high current, high impedance, SCANNER, PDA, PDX, STB, MB, etc.

| Dimensions | Impedance | RDC | Rated Current |
|------------|------------|------------|---------------|
| 3225 | 100~1200 Ω | 0.12~0.3 Ω | 0.5~1 A |
| 4532 | 600~1000 Ω | 0.1~0.2 Ω | 0.5~1.5 A |

Common Mode Choke Filter

Common Mode Choke Filter / *SCB Series*

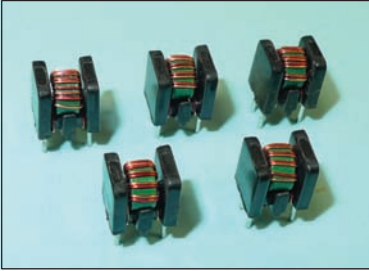


Applications :
EMI countermeasures at signal lines of personal computers, Microcomputers, peripheral devices, etc.
Countermeasures against common-choke noise at composite video signals.

| Dimensions | Inductance | RDC | Rated Current |
|------------|------------|--------|---------------|
| 030B | 4.7 μH | 12 mΩ | 3 A |
| 060B | 9 μH | 100 mΩ | 6 A |

| Dimensions | Impedance | RDC | Rated Current |
|------------|-----------|-------|---------------|
| 09N | 700 Ω | 30 mΩ | 2 A |

Common Mode Choke Filter / *BCB649075 Series*

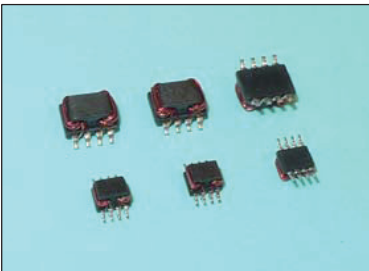


Applications :
EMI countermeasures at signal lines of personal computers, microcomputers, peripheral devices, etc.
Countermeasures against common-mode noise at composite video signals.

| Dimensions | Inductance | RDC | Rated Current |
|------------|------------|----------|---------------|
| 649075 | 15~80 μH | 35~60 mΩ | 0.5 A |

SMD EMI Choke Filter

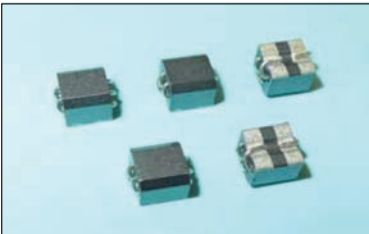
SMD Data Line Filter (IEEE1394) / *RIB Series*



Applications :
Dual common mode.
For high speed data line.
Low Profile.
ESP in IEEE1394 USB.

| Dimensions | Impedance | RDC | Rated Current |
|------------|-----------|-------------|---------------|
| 6560E | 90~220 Ω | 0.06~0.12 Ω | 0.5 A |
| 6560N | 120 Ω | 0.06 Ω | 0.5 A |

SMD Wide Band Choke / *MSH Series*

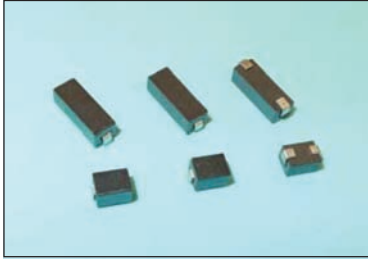


Applications :
MSH Type Cores are used for SMD Wide Band Choke. The impedance is substantially resistive and constant.
Used in PC boards to filter the EMI from the outsides for radio and TVs, small motor ignition devices, Computer disk drivers and communication equipment, etc.

| Dimensions | Impedance | RDC | Rated Current |
|------------|-----------|--------|---------------|
| 0505 | 220 Ω | 0.02 Ω | 2 A |

SMD EMI Choke Filter

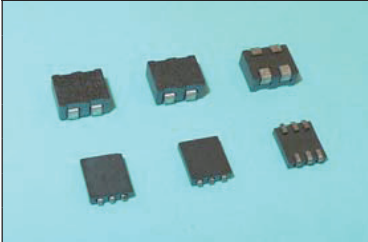
SMD Bead Core / **FB Series**



Applications :
For Stereo, Car radio, Mobile telephones, VCRs, Computer disk drives and PC boards to filter the EMI from the outside.

| Dimensions | Impedance | RDC | Rated Current |
|------------|-------------|-----|---------------|
| 403025 | 47 Ω | - | 5A |
| 784729 | 85 Ω | - | 5A |
| 853025 | 90 Ω | - | 5A |

SMD Bead Core / **FBA Series**

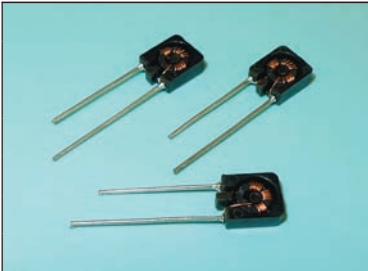


Applications :
Common-mode surface mount beads are available to filter the EMI of the board. They can decrease DCR and increase current carrying capacity.

| Dimensions | Impedance | RDC | Rated Current |
|------------|-------------|-----|---------------|
| 455625 | 35 Ω | - | 5 A |
| 604515 | 47 Ω | - | 5 A |
| 865626 | 60 Ω | - | 5 A |

EMI Choke Filters

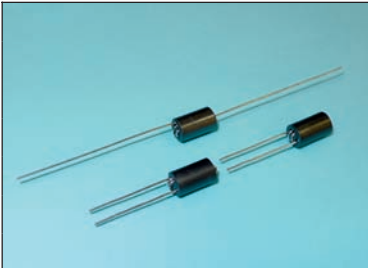
Data Line Filter / **BCB809535 Series**



Applications :
Dual common mode.
For high speed data line.
Low Profile.
ESP in IEEE1394 USB.

| Dimensions | Inductance | RDC | Rated Current |
|------------|----------------|--------------------|---------------|
| 809535 | 90~220 μH | 0.06~0.12 Ω | 0.5 A |

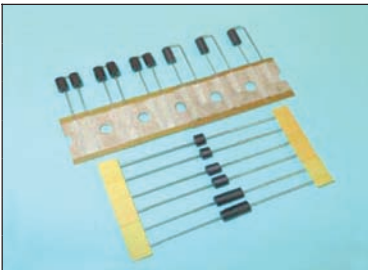
Wide Band Choke / **R6H Series**



Applications :
R6H Type Cores are used for Wide Band Choke. The impedance is substantially resistive and constant.
Used in PC boards to filter the EMI from the outsides.
For radio and TVs, small motor ignition devices, computer disk drivers and communication equipment, etc.

| Dimensions | Impedance | RDC | Rated Current |
|---------------|--------------|-----|---------------|
| 0610-A8-1TS | 170 Ω | - | - |
| 0610-A8-1R52 | 330 Ω | - | - |
| 0610-A8-2TS | 420 Ω | - | - |
| 0610-A8-2R5TS | 530 Ω | - | - |
| 0610-A8-3TS | 750 Ω | - | - |

Bead Core / **RHB Series**



Applications :
RHB type cores are produced for the automatic insertion into PC boards.

| Dimensions | Impedance | RDC | Rated Current |
|------------|--------------|-----|---------------|
| 025040 | 35 Ω | - | - |
| 025047 | 48 Ω | - | - |
| 030030 | 30 Ω | - | - |
| 030060 | 60 Ω | - | - |
| 035045 | 45 Ω | - | - |
| 035100 | 100 Ω | - | - |

Coil

Shielded Radial Choke Inductor / **RSL Series**

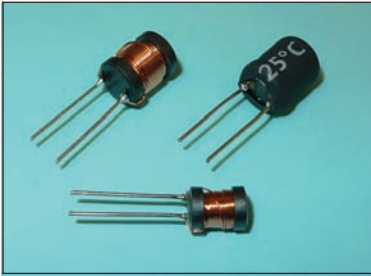


Applications :
Excellent as DC-DC converter boost or buck inductors.
Also used for noise filtering applications.

| Dimensions | Inductance | RDC | Rated Current |
|------------|-----------------|--------------------|---------------|
| 0807 | 22~1000 μH | 0.08~2.72 Ω | 0.23~1.6 A |
| 1008 | 10~1000 μH | 0.05~2.3 Ω | 0.28~2.8 A |
| 1010 | 10~1000 μH | 0.023~1.5 Ω | 0.35~3.51 A |

Coil

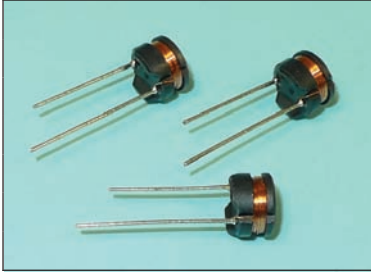
Unshielded Radial Choke Inductor / SL Series



Applications :
Televisions, CRT displays, printers, and various types of electronic products.

| Dimensions | Inductance | RDC | Rated Current |
|------------|-------------------|---------------------|---------------|
| 0304 | 1~2700 μH | 0.1~51 Ω | 0.03~1 A |
| 0406 | 2.2~22000 μH | 0.1~95 Ω | 0.01~1.4 A |
| 0608 | 10~47000 μH | 0.09~172.9 Ω | 0.035~1.3 A |
| 0810 | 1~100000 μH | 0.02~180 Ω | 0.02~3.4 A |
| 0912 | 10~47000 μH | 0.04~52 Ω | 0.03~2.8 A |
| 1820 | 22~1000 μH | 0.03~0.71 Ω | 1~5.7 A |

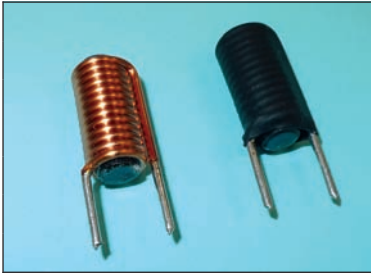
Unshielded Radial Choke Inductor / SSL Series



Applications :
Televisions, CRT displays, printers, and various types of electronic products.

| Dimensions | Inductance | RDC | Rated Current |
|------------|------------------|--------------------|---------------|
| 0605 | 22~1000 μH | 0.18~7.06 Ω | 0.13~0.9 A |
| 0606 | 22~1000 μH | 0.13~5.56 Ω | 0.14~0.96 A |
| 0805 | 10~10000 μH | 0.07~55.7 Ω | 0.081~2.5 A |
| 0807 | 10~10000 μH | 0.05~33 Ω | 0.084~2.9 A |
| 1014 | 100~820 μH | 0.026~58 Ω | 0.09~4.3 A |

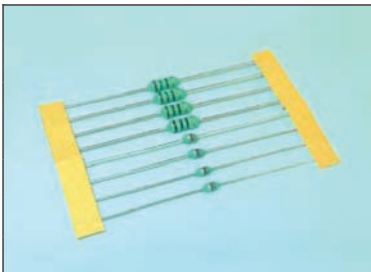
Unshielded Radial Choke Inductor / RC Series



Applications :
RC type coils are applied for switching regulators, power amplifiers, power supplies, typewriting machine, monitors, TVs, UPS, and SRC with high current circuits.

| Dimensions | Inductance | RDC | Rated Current |
|------------|----------------|-------------------|---------------|
| 0420 | 0.3~5 μH | 1~1000 m Ω | 3~25 A |
| 0520 | 1~2.8 μH | 1.5~15 m Ω | 5~21 A |
| 0620 | 0.8~15 μH | 5~15 m Ω | 18~24 A |
| 0630 | 5.6~10 μH | 10 m Ω | 10~21 A |

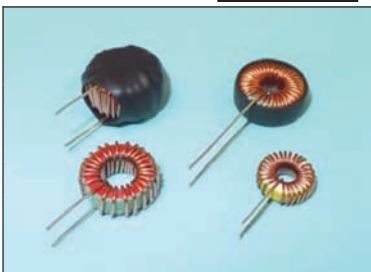
Axial Lead Inductor / AL Series



Applications :
Electronics products.
Communication equipment.
Computer Devices.
Televisions, VCRs, personal computers, and other electronic equipment.

| Dimensions | Inductance | RDC | Rated Current |
|------------|------------------|--------------------|---------------|
| 0204 | 0.1~100 μH | 0.18~12 Ω | 44~700 mA |
| 0307 | 0.1~1000 μH | 0.06~31.4 Ω | 60~1400 mA |
| 0410 | 0.1~3300 μH | 0.06~40 Ω | 35~1700 mA |
| 0510 | 10~68000 μH | 0.1~400 Ω | 6~6300 mA |

Iron Coil Inductor / BC Series



Applications :
For line filters at the switching power supplies inlet.
For equipment using thyristor such as SCR
Light adjustment : for theaters, studios, projector and general households.
Heat adjustment : for household electric heating appliances.
Speed adjustment : for OA equipment, copying machines and home appliances.

| Dimensions | Inductance | RDC | Rated Current |
|------------|-----------------|------------------|---------------|
| 1207 | 0.1~100 μH | 0.18~12 Ω | 44~700 mA |

EMI Ni-Zn Ferrite Core

EMI Ni-Zn Ferrite Core (Round Cable) / RH Series



Applications :
Imaging devices, audio equipment, automotive electronics, telecommunication devices, office automation equipment, and digital interface various other cables.
• Absorption EMI and penetrating noise
• Prevent parasitic oscillation

| 外徑(OD) | 內徑(ID) | 高(H) | Impedance |
|-------------|------------|-------------|-----------------|
| 2.5~28.5 mm | 0.76~14 mm | 4.5~28.5 mm | 40~258 Ω |

EMI Ni-Zn Ferrite Core

EMI Ni-Zn Ferrite Core (Round Cable) / **RI Series**



Applications :
 Imaging devices, audio equipment, automotive electronics, telecommunication devices, office automation equipment, and digital interface various other cables.
 • Absorption EMI and penetrating noise
 • Prevent parasitic oscillation

| 外徑(OD) | 內徑(ID) | 高(H) | Impedance |
|-------------|-------------|-----------|-----------|
| 2.5~40.6 mm | 1.3~27.4 mm | 1.3~16 mm | 20~178 Ω |

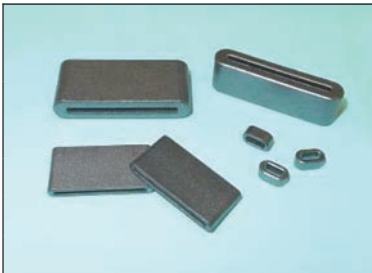
EMI Ni-Zn Clamp Filter (Round Cable) / **FH Series**



Applications :
 Personal computers, word processors, monitors, hard disk drives, digital telephones, audio devices, electronic musical instruments, video games, copiers and facsimiles

| Type | 內徑(ID) | Type | 內徑(ID) |
|--------|--------|--------|--------|
| 0350 | 3.5 mm | 0900 | 9.3 mm |
| 0500 | 5.3 mm | 0900-1 | 9 mm |
| 0500-1 | 5 mm | 1000 | 10 mm |
| 0650 | 6.5 mm | 1200 | 12 mm |
| 0750 | 7.5 mm | 1300 | 13 mm |
| 0850 | 8 mm | 1500 | 15 mm |

EMI Ni-Zn Ferrite Core (Flat Cable) / **FS Series**



Applications :
 Personal computers, word processors, monitors, hard disk drives, digital telephones, audio devices, electronic musical instruments, video games, copiers and facsimiles

| 長(L) | 寬(W) | 高(H) | Impedance |
|------------|-----------|---------|-----------|
| 16~57.6 mm | 3~8.45 mm | 8~15 mm | 35~210 Ω |

EMI Ni-Zn Ferrite Core (Flat Cable) / **FP Series**



Applications :
 Personal computers, word processors, monitors, hard disk drives, digital telephones, audio devices, electronic musical instruments, video games, copiers and facsimiles

| 長(L) | 寬(W) | 高(H) | Impedance |
|--------------|-------------|------------|-----------|
| 25.5~76.2 mm | 2.8~28.5 mm | 4.5~8.9 mm | 80~140 Ω |

EMI Mn-Zn Ferrite Core

EMI Mn-Zn Ferrite Core (Toroidal) / **T Series**



Applications :
Power
 DC-DC Converters.
 Compact Power Transformer.
 Small, Low Profile Power Inductors.
Telecom
 xDSL pass-band Filters.
 Splitters.
 EMI Inductors.
 Filter Inductors with Tight Tolerance.

| 外徑(OD) | 內徑(ID) | 高(H) | AL(nH/N ²) |
|---------|-----------|---------|------------------------|
| 4~35 mm | 2~25.4 mm | 1~16 mm | 333~10750 |