



AUDIO INDUCTORS(Coils)

Type	High current	2in1/4in1	Ferrite shield
SERIES	CMMPF-V	TMMPB/FMMPB	CSSP
SIZE(mm)	2.5×2.0~4.5×3.2	10×8~25×8	5.0×5.0~12×12
HEIGHT(mm)	2.5~4.3	8.5~12.5	1.8~8.0
Inductance(uH)	1.0~4.7	10~22	1.0~680

CMMPF-V series

- Compact design, Flat wire
- Ultra high current and Low DCR.
- Metal powder molding type for EMC protection.
- Automotive (Car Audio, Car Navigation), Audio Visual (TV and Monitor, Mini component, AV amplifier, Amplifier for profile)
- RoHS compliant. / AEC-Q200 qualified



T(F)MMPB series

- Inductor for Class-D audio amplifiers.
- Space reduction is realized by 2 in 1 / 4 in 1 construction
- Compact design.
- High current, Low resistance.
- Automotive (Car Audio, Car Navigation), Audio Visual(TV and Monitor, Mini component, AV amplifier, Amplifier for profile)
- RoHS compliant. / AEC-Q200 qualified

CSSP series

- Ferrite core shield type and has excellent EMI noise removal capability.
- SMD inductor
- It corresponds to High current.
- Simple and Shield structure.
- RoHS compliant. / AEC-Q200 qualified.



Global Network

We will show you the location of Coilmaster of KOREA, HONGKONG, CHINA, THAILAND, USA.



Factory



THAILAND



Wendeng China



Zhaoqing China

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EMI Total Solution

INDUCTIVE COMPONENT SPECIALIST



CoilMaster
www.coilmaster.com

Since the establishment of our company in 1996, We have grown to become the **top SMD magnetic product manufacturer** in South Korea. We strive to achieve customer satisfaction under the company philosophy of **Highest reliability, Ownership and Innovation** which are deeply embedded in all of us.



INDUCTORS(Coils)

Type	Metal Flat wire	PoC
SERIES	CMMP/CMMPF	CPOC-V
SIZE(mm)	2.0×1.2~15×15	3.2×2.5~4.5×3.2
HEIGHT(mm)	0.8 ~ 11	2.5 ~ 3.7
Inductance(uH)	0.01~33	2.2~22

CMMP series

- High performance (Isat).
- High current and low profile
- Metal powder molding type for EMC protection.
- For DC/DC converter, AV equipment digital consumer electronics.
- RoHS compliant. / AEC-Q200 qualified



CMMPF-SB series

- Ultra high current.
- Low profile
- Metal powder molding type for EMC protection.
- Lower DCR with applying flat wire.
- For DC/DC converter & EMI filter.
- RoHS compliant. / AEC-Q200 qualified.

CPOC-V series

- Inductor for use with separate signal and power lines in in-vehicle Power over Coax
- Automotive Broadband Inductor.
- Simple and Shield structure.
- Solder free design.
- RoHS compliant. / AEC-Q200 qualified.



COMMON MODE FILTER

Type	Power Line	Signal Line
SERIES	CPCF	CSCF
SIZE(mm)	4.7×4.5~26×12	1.2×1.0~4.5×3.2
HEIGHT(mm)	2.1~30	0.9~3.0
Characteristic	Impedance : 230~3400(Ω)	Inductance : 11~200(uH)

CPCF series

- Due to the compact design, it is suitable for surface mount.
- Custom options for inductance, impedance, DCR and current rating are available.
- Have achieved miniaturization while keeping Characteristics by adoption of exclusive square type closed magnetic cores
- Motor noise suppression.
- RoHS compliant. / AEC-Q200 qualified



CSCF series

- High common mode impedance at high frequency effects Excellent noise suppression performance.
- Realizes small size and low profile.
- Radiated noise suppression for car multimedia interfaces
- RoHS compliant. / AEC-Q200 qualified



SENSING COIL

CTPC series



- High Sensitivity in X/Y orientation
- High Quality factor.
- Suitable as a Transponder Antenna Coil for TPMS (Tire Pressure Monitoring System) and Keyless Entry System.
- RoHS compliant. / AEC-Q200 qualified.

3DC series



- Encapsulated core and winding for anti-shock proof.
- Wide range of inductance values, flexible design.
- Triaxial LF antenna coil.
- Application to reflow soldering.
- Suitable as a Transponder Antenna Coil for Keyless Entry System
- RoHS compliant. / AEC-Q200 qualified.

VRM APPLICATION

Type	Inductor	Trans Inductor
SERIES	CMPLD	TLVR
SIZE(mm)	4.0×4.0~13×13	9.4×6.2~11.8×5.7
HEIGHT(mm)	3.0~11.5	10~14
Inductance(uH)	0.02~1.2	0.085~0.15

CMPLD series

- Voltage regulator modules (VRMs)
- High current and Low DCR.
- Ferrite core type for EMC protection.
- Available tape and reel for auto insertion.
- RoHS compliant. / AEC-Q200 qualified.



TLVR series

- Multi-phase and V core regulators Voltage regulator modules (VRMs)
- Data networking and storage systems
- Graphics cards and battery power systems.
- RoHS compliant.



EV CHARGER SYSTEM

EMI FILTER



PFC



Transformer

