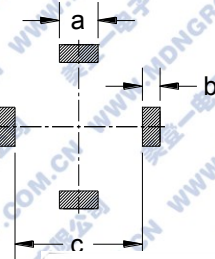
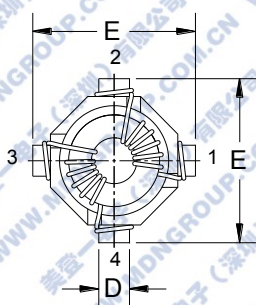
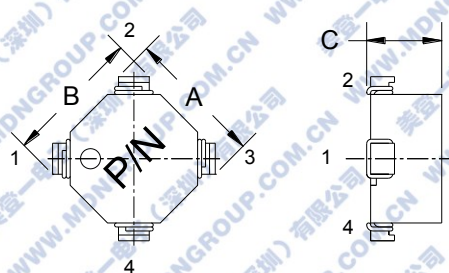
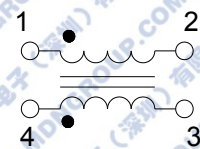


SMD COMMON MODE FILTER 贴片共模滤波器**CTC1207 系列****FEATURES**

- Excellent impedance characteristics, making it great for suppressing common mode noise.
- Winding type realizes small size and low profile for surface mounting.
- Frequency range to 200 MHz, rated current up to 3A, inductance range 33 to 3300uH.

APPLICATIONS

- Suitable for noise suppression in common mode circle such as USB line of PC, peripheral equipments, small digital AV equipment, automotive power trains etc.

DIMENSIONS AND LAND PATTERNS(mm)**SCHEMATIC**

A (±0.5)	B (±0.5)	C (Max)	D (Max)	E (Ref)	A (Ref)	B (Ref)	C (Ref)
11.7	11.7	7.0	2.7	14.3	4.0	2.5	9.5

**SPECIFICATION**

PART NO.	L @1KHz Min uH	DCR @25℃ Max mΩ	Idc @Δ≤40℃ Max A	V _R Rated Voltage Max V	Impedance Z Min Ω
CTC1207-330T	33	15	4.0	80	1000(@10MHz)
CTC1207-680T	68	18	3.5	80	1500(@10MHz)
CTC1207-101T	100	20	3.0	80	2000(@10MHz)
CTC1207-181T	180	27	2.5	80	3000(@10MHz)
CTC1207-681T	680	72	1.5	80	5000(@10MHz)
CTC1207-152T	1500	130	1.2	80	2400(@5MHz)
CTC1207-222T	2200	180	0.8	80	2800(@5MHz)
CTC1207-332T	3300	300	0.6	80	3900(@2MHz)

特 征

- 良好的高频阻抗特性，能有效抑制共模噪音效果；
- 绕线结构，小尺寸适合表面贴装；
- 频率范围到 200MHz，额定电流达 3A 以上，电感量从 33uH 到 3300uH。

用 途

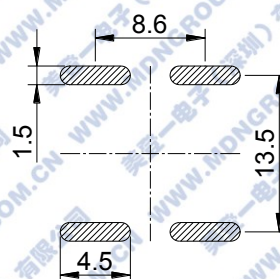
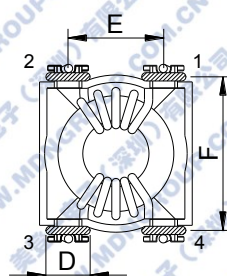
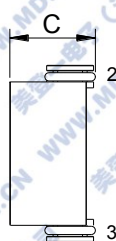
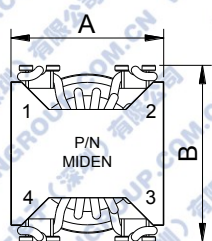
- 适用于电脑及其外设、数字 AV 等设备的 USB 接口，笔记本电脑、LCD 的 LVDS 线、车载动力传输等共模噪音控制。

SMD COMMON MODE FILTER 贴片共模滤波器**CTC1416 系列****FEATURES**

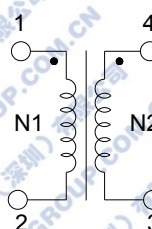
- Excellent impedance characteristics, making it great for suppressing common mode noise.
- Winding type realizes small size and low profile for surface mounting.

APPLICATIONS

- Mains line filter
- Power electronics
- Interference suppression in motors
- Common mode filters

DIMENSIONS AND LAND PATTERNS(mm)

SCHEMATIC



A (Max)	B (Max)	C (Max)	D (Ref)	E (Ref)	F (Ref)
14.2	16.4	8.9	-	8.6	13.5

SPECIFICATION

MIDEN'S P/N	PULSE'S P/N	L @1KHz ±35% mH	DCR @25℃ Max mΩ	Idc @Δ≤40℃ Max A	V _R Rated Voltage Max V	Impedance Z @SRF Min Ω
CTC1416-L531	PA2749NL	0.536	17.1	3.8	380	1400@2MHz
CTC1416-L901	PE-53911NL	0.9	60	1.5	380	2800@3MHz
CTC1416-L602	PE-53913NL	6.0	450	1.0	380	6000@0.22MHz
CTC1416-L132	PE-53914NL	13.2	850	0.5	380	6500@0.19MHz

特 征

- 良好的高频阻抗特性，能有效抑制共模噪音效果；
- 绕线结构，小尺寸适合表面贴装。

用 途

- 电源线过滤器
- 电力电子设备
- 电机中的干扰抑制
- 共模滤波器

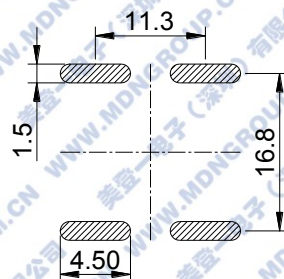
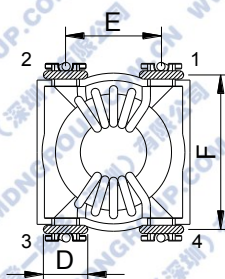
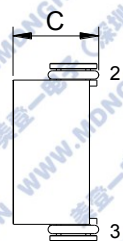
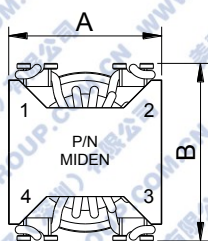


SMD COMMON MODE FILTER 贴片共模滤波器**CTC1719 系列****FEATURES**

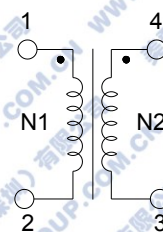
- Excellent impedance characteristics, making it great for suppressing common mode noise.
- Winding type realizes small size and low profile for surface mounting.

APPLICATIONS

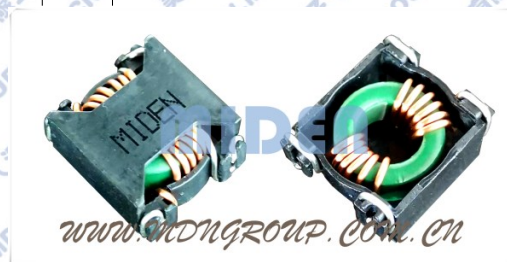
- Mains line filter
- Power electronics
- Interference suppression in motors
- Common mode filters

DIMENSIONS AND LAND PATTERNS(mm)

SCHEMATIC



A (Max)	B (Max)	C (Max)	D (Ref)	E (Ref)	F (Ref)
17.20	19.80	9.90	-	11.3	16.8

**SPECIFICATION**

MIDEN'S P/N	PULSE'S P/N	L @1KHz ±35% mH	DCR @25℃ Max mΩ	Idc @Δ≤40℃ Max A	V _R Rated Voltage Max V	Z @SRF Min Ω
CTC1719-L103	PA2752NL	1.015	210	1.4	380	27500(@4MHz)
CTC1719-L182	PE-53912NL	1.8	80	2.5	380	5000(@2MHz)
CTC1719-L152	P0351NL	1.47	80	2.8	380	10700(@2MHz)
CTC1719-L132	P0420NL	1.32	60	3.3	380	9600(@2.5MHz)
CTC1719-L221	P0421NL	0.22	60	3.3	380	10500(@18MHz)
CTC1719-L601	PE53910NL	0.60	50	3.6	380	1800(@8MHz)
CTC1719-L771	P0422NL	0.77	40	4.7	380	6400(@3MHz)
CTC1719-L591	P0353NL	0.59	21	5.6	380	4900(@4MHz)
CTC1719-L481	PA2756NL	0.484	7.7	8.0	380	1700(@2.5MHz)
CTC1719-L950	PA2753NL	0.095	3	12.5	380	200(@2MHz)

SMD COMMON MODE FILTER 贴片共模滤波器

CTC1921 系列

FEATURES

- Excellent impedance characteristics, making it great for suppressing common mode noise.
- Winding type realizes small size and low profile for surface mounting.

APPLICATIONS

- Mains line filter
- Power electronics
- Interference suppression in motors
- Common mode filters

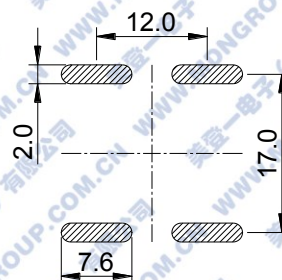
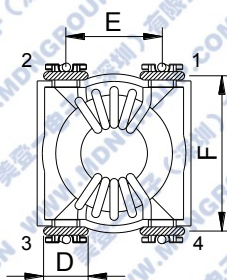
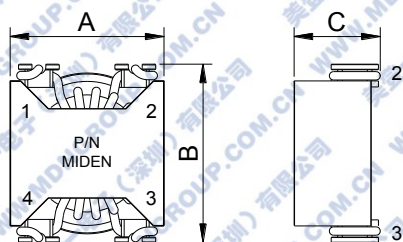
特 征

- 良好的高频阻抗特性，能有效抑制共模噪音效果；
- 绕线结构，小尺寸适合表面贴装。

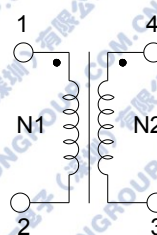
用 途

- 电源线过滤器
- 电力电子设备
- 电机中的干扰抑制
- 共模滤波器

DIMENSIONS AND LAND PATTERNS(mm)



SCHEMATIC



A (Max)	B (Max)	C (Max)	D (Ref)	E (Ref)	F (Ref)
19.05	21.1	11.2	-	12.0	17.0



SPECIFICATION

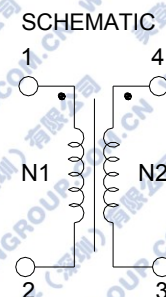
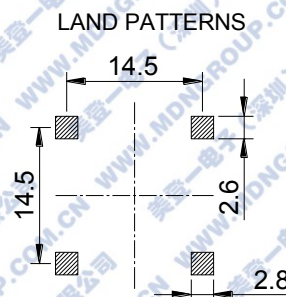
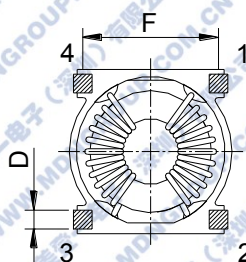
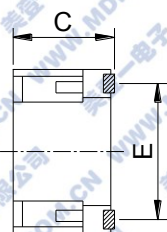
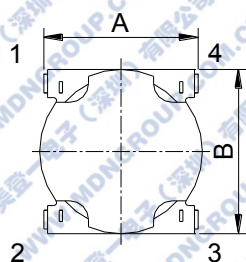
MIDEN'S P/N	PULSE'S P/N	L @1KHz ±35% mH	DCR @25°C Max mΩ	Idc @Δ≤40°C Max A	V _R Rated Voltage Max V	Impedance Z @SRF Min Ω
CTC1921-L121	PA2755NL	117	1.95	14	380	250(@6MHz)
CTC1921-L221	PA2754NL	215	3.75	10	380	600(@4MHz)

SMD COMMON MODE FILTER 贴片共模滤波器**CTC1618 系列****FEATURES**

- Excellent impedance characteristics, making it great for suppressing common mode noise.
- Winding type realizes small size and low profile for surface mounting.
- Frequency range to 200 MHz, rated current up to 6.5A, inductance range 240 to 15000uH.

APPLICATIONS

- Mains line filter
- Power electronics
- Interference suppression in motors
- Common mode filters

DIMENSIONS AND LAND PATTERNS(mm)

A (±0.5)	B (±0.5)	C (Max)	D (Ref)	E (Ref)	F (Ref)
15.8	17.5	11.5	2.0	14.5	14.5

**SPECIFICATION**

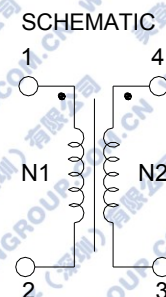
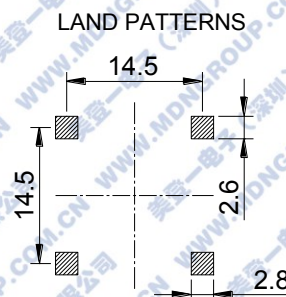
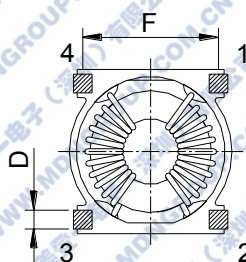
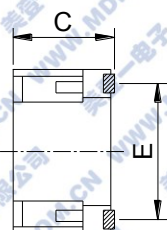
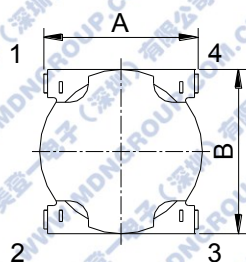
PART NO.	L @1KHz Min mH	DCR @25℃ Max mΩ	Idc @Δ≤40℃ Max A	V _R Rated Voltage Max V	Impedance Z Min Ω
CTC1618-L241	0.24	8	6.5	250	1800(@10MHz)
CTC1618-L471	0.47	14	4.5	250	3200(@10MHz)
CTC1618-L102	1.0	30	2.7	250	4600(@10MHz)
CTC1618-L302	3.0	105	2.0	250	7000(@1MHz)
CTC1618-L472	4.7	160	1.2	250	9000(@0.8MHz)
CTC1618-L682	6.8	240	0.8	250	12000(@0.6MHz)
CTC1618-L103	10	320	0.7	250	13000(@0.4MHz)
CTC1618-L153	15	520	0.5	250	18000(@0.3MHz)

SMD COMMON MODE FILTER 贴片共模滤波器**CTC2023 系列****FEATURES**

- Excellent impedance characteristics, making it great for suppressing common mode noise.
- Winding type realizes small size and low profile for surface mounting.
- Frequency range to 200 MHz, rated current up to 6.5A, inductance range 240 to 15000uH.

APPLICATIONS

- Mains line filter
- Power electronics
- Interference suppression in motors
- Common mode filters

DIMENSIONS AND LAND PATTERNS(mm)

A (±0.5)	B (±0.5)	C (Max)	D (Ref)	E (Ref)	F (Ref)
23.0	20.0	11.5	3.0	17.0	20.6

**SPECIFICATION**

PART NO.	L @1KHz Min mH	DCR @25℃ Max mΩ	Idc @Δ≤40℃ Max A	V _R Rated Voltage Max V	Impedance Z Min Ω
CTC2023-L471	0.47	11	8.0	250	1000(@3MHz)
CTC2023-L821	0.82	16	6.5	250	1800(@3MHz)
CTC2023-L152	1.5	26	4.5	250	3300(@3MHz)
CTC2023-L332	3.3	54	2.7	250	6500(@1MHz)
CTC2023-L682	6.8	115	1.9	250	7000(@0.8MHz)
CTC2023-L103	10	150	1.6	250	9000(@0.8MHz)
CTC2023-L153	15	240	1.2	250	14000(@0.3MHz)