

COMMON MODE FILTERS 共模滤波器

SQ SERIES

FEATURES

- Use square closed core against radiation.
- Automatic winding of flat wire .
- These low cost,high performance choke coils are design to virtually eliminate line conducted common noise.

APPLICATIONS

- Protects AC input from effects of switching regulators.
- Switching power supply.

DIMENSIONS AND SHAPES(mm)

FIG1

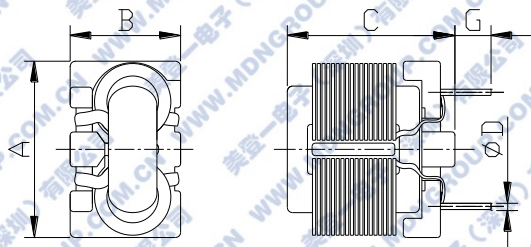
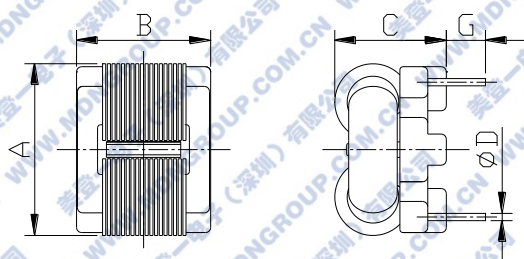


FIG2



特 征

- 使用方形闭合型磁芯能防止高频辐射干扰；
- 扁平线自动绕制；
- 低成本、高性能扼流圈的设计基本上消除了线路传导的通信噪声。

用 途

- 保护交流输入免受开关调节器的影响。
- 开关电源。



P/N	A±0.5	B±0.5	C max	D±0.1	E±0.5	F±0.5	G±1.0	FIG
SQ12V-	17.0	11.0	17.0	0.70	8.0	11.0	3.5	1
					7.0	8.0		
					6.0	8.0		
SQ12H-	16.5	13.2	11.2	0.70	10.0	13.0	3.5	2

SPECIFICATION

P/N	Inductance (mH)@1KHz Min	DC Resistance (mΩ) Max	Rated Current (A)	Rated Voltage (V)	Insulation Resistance (MΩ)	Power range (W)
SQ12V/H-10mH	10	150	2.2	AC250	100	36-60
SQ12V/H-15mH	15	200	2.0	AC250	100	36-60
SQ12V/H-20mH	20	240	1.5	AC250	100	36-60

备注：该产品用于替代 UU9.8，EE15，T10，T12，T14，T16 系列共模电感。

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FIG1

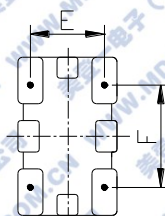
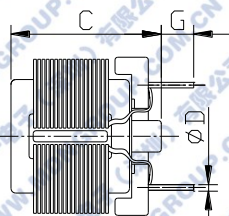
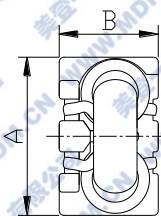
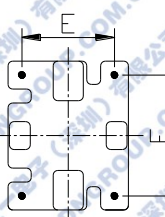
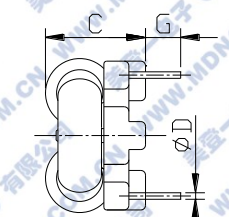
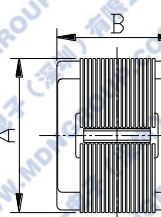


FIG2



P/N	A±0.5	B±0.5	C max	D±0.1	E±0.5	F±0.5	G±1.0	FIG
SQ15V-	19.5	13.5	20.5	0.7	10.0	12.8	3.5	1
					7.5	10.0		
SQ15H-	20.0	16.0	14.0	0.7	12.9	17.0	3.5	2
					10.0	13.0		

SPECIFICATION

P/N	Inductance (mH)@1KHz Min	DC Resistance (mΩ) Max	Rated Current (A)	Rated Voltage (V)	Insulation Resistance (MΩ)	Power range (W)
SQ15V/H-6mH	6	80	4.5	AC250	100	60-240
SQ15V/H-8mH	8	100	3.5	AC250	100	60-240
SQ15V/H-10mH	10	120	3.0	AC250	100	60-240
SQ15V/H-15mH	15	150	2.5	AC250	100	60-240
SQ15V/H-20mH	20	180	2.2	AC250	100	60-240
SQ15V/H-25mH	25	250	2.0	AC250	100	60-240

备注：该产品用于替代 UU10.5, UT/ET20, T16, T18 系列共模电感。

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SQ SERIES

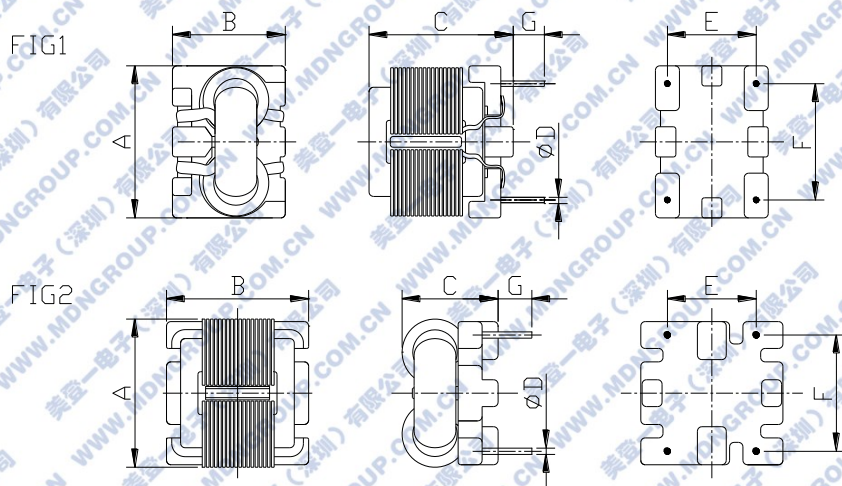
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APPLICATIONS

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DIMENSIONS AND SHAPES(mm)



P/N	A±0.5	B±0.5	C max	D±0.1	E±0.5	F±0.5	G±1.0	FIG
SQ19V-	23.5	14.5	25.0	0.7	10.0	13.0	3.5	1
SQ19H-	23.0	22.0	15.0	0.7	10.0	13.0	3.5	2
					15.5	17.0		

SPECIFICATION

P/N	Inductance (mH)@1KHz Min	DC Resistance (mΩ) Max	Rated Current (A)	Rated Voltage (V)	Insulation Resistance (MΩ)	Power range (W)
SQ19V/H-2mH	2	50	12.0	AC250	100	120-1000
SQ19V/H-4mH	4	60	9.0	AC250	100	120-1000
SQ19V/H-6mH	6	75	7.5	AC250	100	120-1000
SQ19V/H-8mH	8	100	5.5	AC250	100	120-1000
SQ19V/H-10mH	10	120	4.0	AC250	100	120-1000
SQ19V/H-15mH	15	150	3.5	AC250	100	120-1000
SQ19V/H-25mH	25	250	2.2	AC250	100	120-1000

备注：该产品用于替代 UU16，UT/ET24，UT/ET28，T20，T22 系列共模电感。

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SQ SERIES

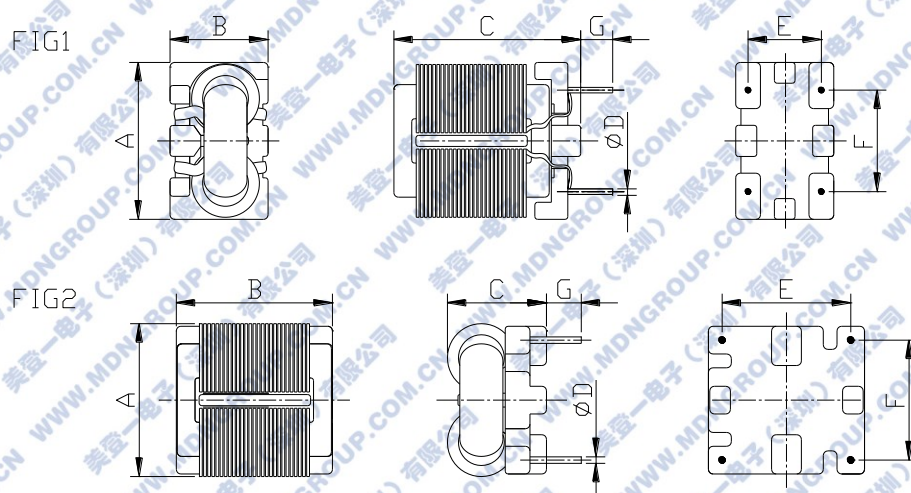
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DIMENSIONS AND SHAPES(mm)



P/N	A $\pm$ 0.5	B $\pm$ 0.5	C max	D $\pm$ 0.1	E $\pm$ 0.5	F $\pm$ 0.5	G $\pm$ 1.0	FIG
SQ24V-	23.5	15.0	33.0	0.8	10.0	13.0	3.5	1
SQ24H-	23.0	25.0	14.0	0.8	21.5	17.0	3.5	2

SPECIFICATION

P/N	Inductance (mH)@1KHz Min	DC Resistance (m Ω) Max	Rated Current (A)	Rated Voltage (V)	Insulation Resistance (M Ω)	Power range (W)
SQ24V/H-3mH	3	50	12.0	AC250	100	200-1000
SQ24V/H-4mH	4	60	9.0	AC250	100	200-1000
SQ24V/H-6mH	6	75	7.5	AC250	100	200-1000
SQ24V/H-10mH	10	100	5.5	AC250	100	200-1000
SQ24V/H-15mH	15	150	4.0	AC250	100	200-1000

备注：该产品用于替代 UT/ET28，UT35，T25，T28 系列共模电感。

特 征

- 使用方形闭合型磁芯能防止高频辐射干扰；
- 扁平线自动绕制；
- 低成本、高性能扼流圈的设计基本上消除了线路传导的通信噪声。

用 途

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DIMENSIONS AND LAND PATTERNS(mm)

FIG1

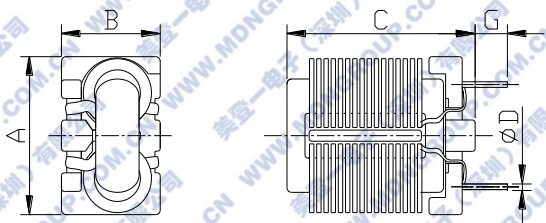
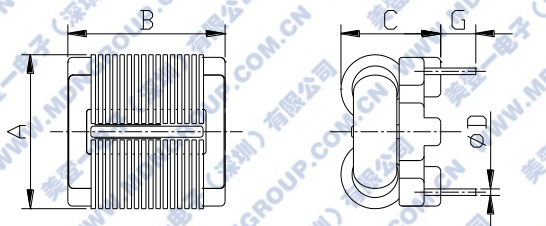


FIG2



特 征

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P/N	A ± 0.8	B ± 0.5	C max	D ± 0.1	E ± 0.5	F ± 0.5	G ± 1.0	FIG
SQ28V-	25.0	13.5	34.5	0.8	10.0	13.0	3.5	1
SQ28H-	25.0	28.5	15.0	0.8	21.5	17.0	3.5	2

SPECIFICATION

P/N	Inductance (mH)@1KHz Min	DC Resistance (m Ω) Max	Rated Current (A)	Rated Voltage (V)	Insulation Resistance (M Ω)	Power range (W)
SQ28V/H-4mH	4	30	12.0	AC250	100	500-1000
SQ28V/H-6mH	6	50	9.0	AC250	100	500-1000
SQ28V/H-8mH	8	80	8.0	AC250	100	500-1000

备注: 该产品用于替代 UT35, T31, T33 系列共模电感。

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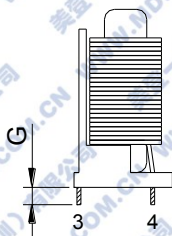
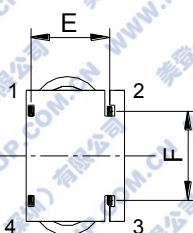
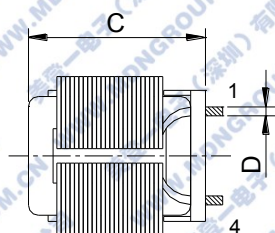
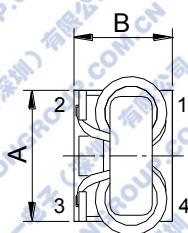
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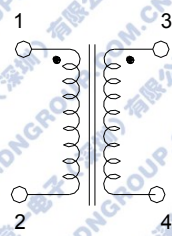
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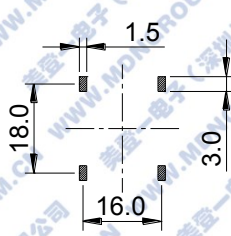
DIMENSIONS AND SHAPES(mm)



SKETCH



PCB LAYOUT



P/N	A max	B max	C max	D ± 0.1	E ± 0.5	F ± 0.5	G ± 1.0	FIG
SQ33V-	31.0	21.0	39	1.8	16	18	3.5	/

SPECIFICATION

P/N	Inductance (mH)@1KHz Min	DC Resistance (m Ω) Max	Rated Current (A)	Rated Voltage (V)	Insulation Resistance (M Ω)	Power range (W)
SQ33V-5mH	5	50	16.0	AC250	100	800-2000

备注：该产品用于替代 T31, T33, T35 系列共模电感。