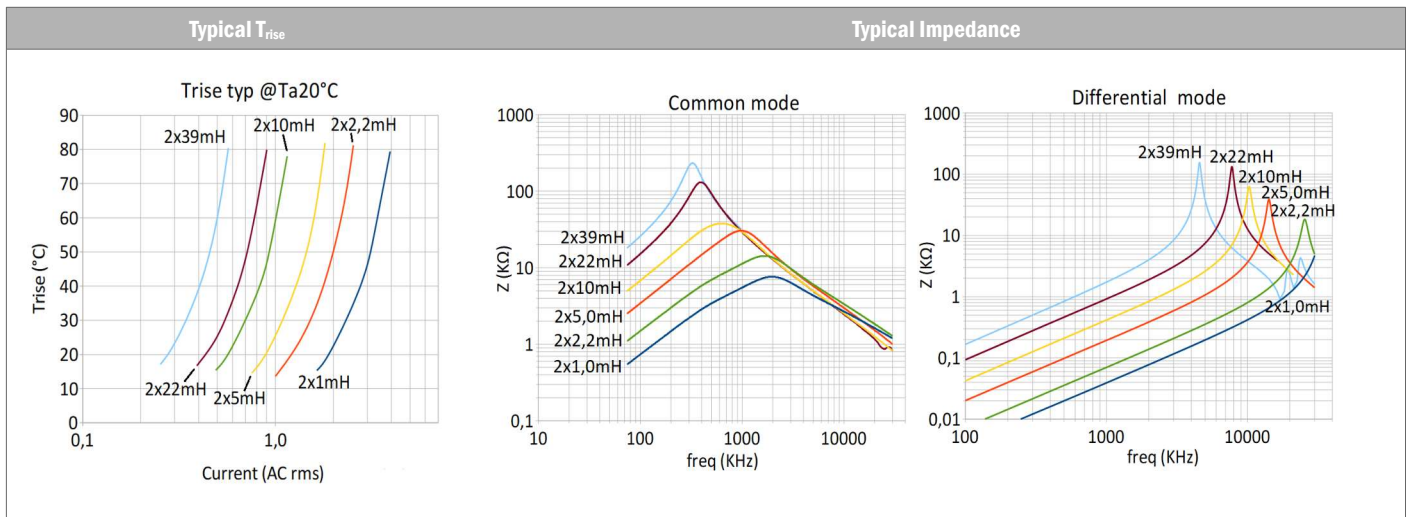


- Common mode inductors for EMI mains line
- Excellent common mode interference suppression
- Good differential mode filtering against symmetrical interference
- High insulation between windings
- Excellent performance/dimensions ratio
- Cased version available
- Other values on request



Code	Nominal Inductance ¹	Minimum Inductance ¹	Stray Inductance typ ¹	Nominal Current ²	Typical DCR ³	Mains Rated Voltage	N1/N2 Dielectric strength
SCT1305102	2x1.0 mH	2x0.7 mH	8.0 μH	3.39 A	35 mΩ	250V	1.5KV
SCT1305222	2x2.2 mH	2x1.54 mH	15.0 μH	2.19 A	80 mΩ	250V	1.5KV
SCT1305502	2x5.0 mH	2x3.5 mH	32.0 μH	1.58 A	147 mΩ	250V	1.5KV
SCT1305103 ^p	2x10 mH	2x7.0 mH	67.0 μH	1.01 A	310 mΩ	250V	1.5KV
SCT1305223	2x22 mH	2x15.4 mH	165 μH	0.78 A	623 mΩ	250V	1.5KV
SCT1305393	2x39 mH	2x27.3 mH	285 μH	0.50 A	1400 mΩ	250V	1.5KV

Dimensions	mm	Layout (bottom view)	Drawing	.stp file Download
A max	16.6			
B max	7.8			
H max	19.5			
X typ	10.0			
Y typ	4.5			
L min	2.5			
D typ (∅)	0.70			



¹ @10KHz-100mV.

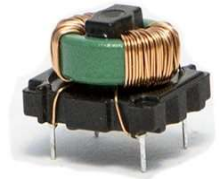
² Max continuous current for 60°C about temperature rise (@Ta20°C). The temperature of the inductor should not exceed 120°C, Trise included.

³ Referred to each winding (@Ta20°C).

^p Preferential items usually on stock.

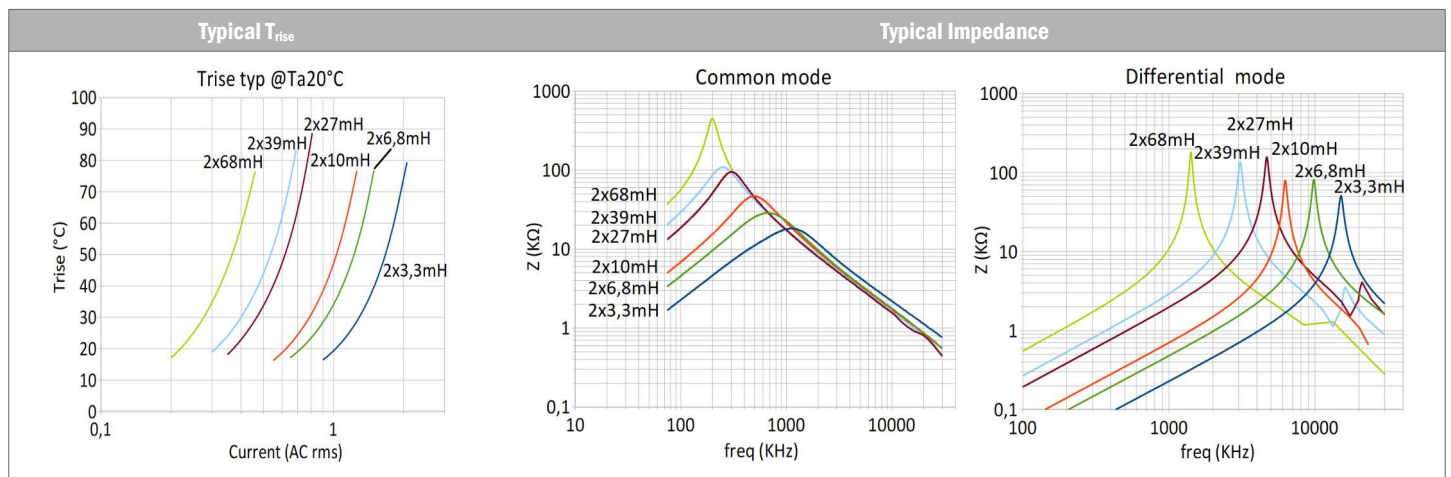
SCT1409 series – 2x3.3mH/1.82A ... 2x68mH/400mA

- Common mode inductors for EMI mains line
- Excellent common mode interference suppression
- Good differential mode filtering against symmetrical interference
- High insulation between windings
- Excellent performance/dimensions ratio
- Other values on request



Code	Nominal Inductance ¹	Minimum Inductance ¹	Stray Inductance typ ¹	Nominal Current ²	Typical DCR ³	Mains Rated Voltage	N1/N2 Dielectric strength
SCT1409332	2x3.3 mH	2x2.31 mH	37 μ H	1.82 A	110 m Ω	250V	1.5KV
SCT1409682	2x6.8 mH	2x5.48 mH	79 μ H	1.33 A	210 m Ω	250V	1.5KV
SCT1409103	2x10 mH	2x7.0 mH	110 μ H	1.12 A	350 m Ω	250V	1.5KV
SCT1409153	2x15 mH	2x10.5 mH	164 μ H	0.90 A	490 m Ω	250V	1.5KV
SCT1409273	2x27 mH	2x18.9 mH	310 μ H	0.68 A	810 m Ω	250V	1.5KV
SCT1409393	2x39 mH	2x27.3 mH	350 μ H	0.59 A	1200 m Ω	250V	1.5KV
SCT1409473	2x47 mH	2x3.9 mH	515 μ H	0.50 A	1730 m Ω	250V	1.5KV
SCT1409683 ^P	2x68 mH	2x47.6 mH	740 μ H	0.40 A	2500 m Ω	250V	1.5KV

Dimensions	mm	Layout (bottom view)	Drawing	.stp file Download
A max	19.6			
B max	15.8			
H max	14.0			
X typ	12.5			
Y typ	10.0			
L min	3.5			
D typ (\varnothing)	0.6			



¹ @10KHz-100mV.

² Max continuous current for 60°C about temperature rise (@Ta20°C). The temperature of the inductor should not exceed 120°C, Trise included.

³ Referred to each winding (@Ta20°C).

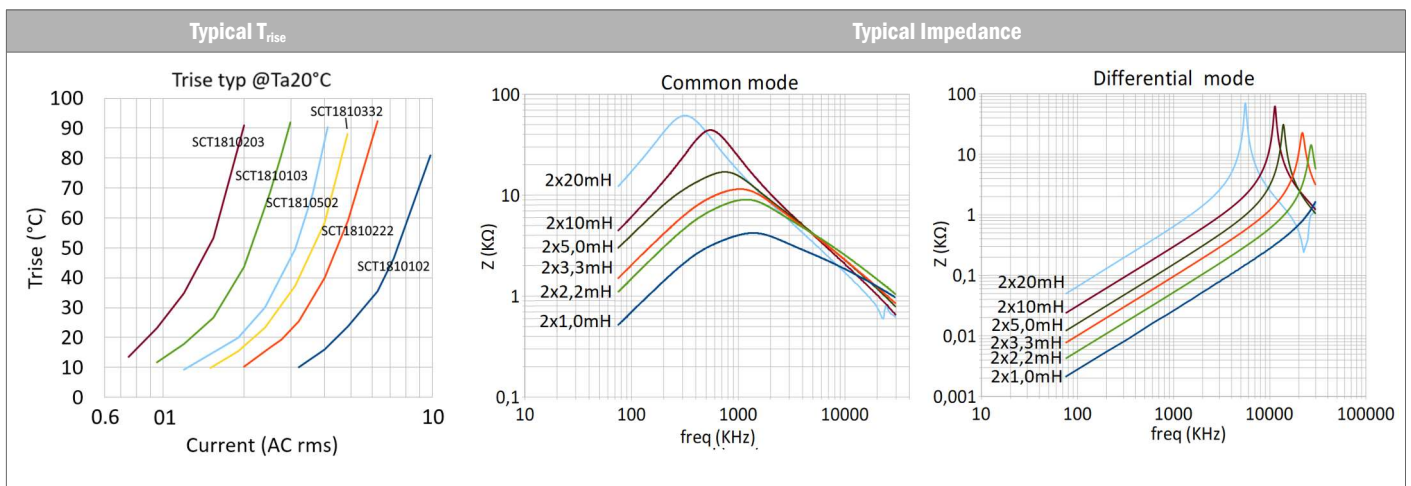
^P Preferential items usually on stock.

- Common mode inductors for EMI mains line
- Excellent common mode interference suppression
- Good differential mode filtering against symmetrical interference
- High insulation between windings
- Excellent performance/dimensions ratio
- Other values on request



Code	Nominal Inductance ¹	Minimum Inductance ¹	Stray Inductance typ ¹	Nominal Current ²	Typical DCR ³	Mains Rated Voltage	N1/N2 Dielectric strength
SCT1810102	2x1.0 mH	2x0.7 mH	4.25 µH	8.25 A	8.2 mΩ	250V	1.5KV
SCT1810222	2x2.2 mH	2x1.54 mH	9.3 µH	4.92 A	23 mΩ	250V	1.5KV
SCT1810332	2x3.3 mH	2x2.31 mH	15 µH	4.05 A	40 mΩ	250V	1.5KV
SCT1810502	2x5.0 mH	2x3.5 mH	25 µH	3.39 A	56 mΩ	250V	1.5KV
SCT1810103	2x10 mH	2x7.0 mH	50 µH	2.33 A	103 mΩ	250V	1.5KV
SCT1810203	2x20 mH	2x14.0 mH	105 µH	1.63 A	225 mΩ	250V	1.5KV

Dimensions	mm	Layout (bottom view)	Drawing	.stp file Download
A max	22.1			
B max	14.6			
H max	25.6			
X typ	7.5			
Y typ	10.7			
L min	3.5			
D typ (∅)	0.70			



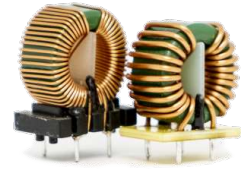
¹ @10KHz-100mV.

² Max continuous current for 60°C about temperature rise (@Ta20°C). The temperature of the inductor should not exceed 120°C, Trise included.

³ Referred to each winding (@Ta20°C).

SCT2213 series – 2x1mH/12A ... 2x39mH/1.745A

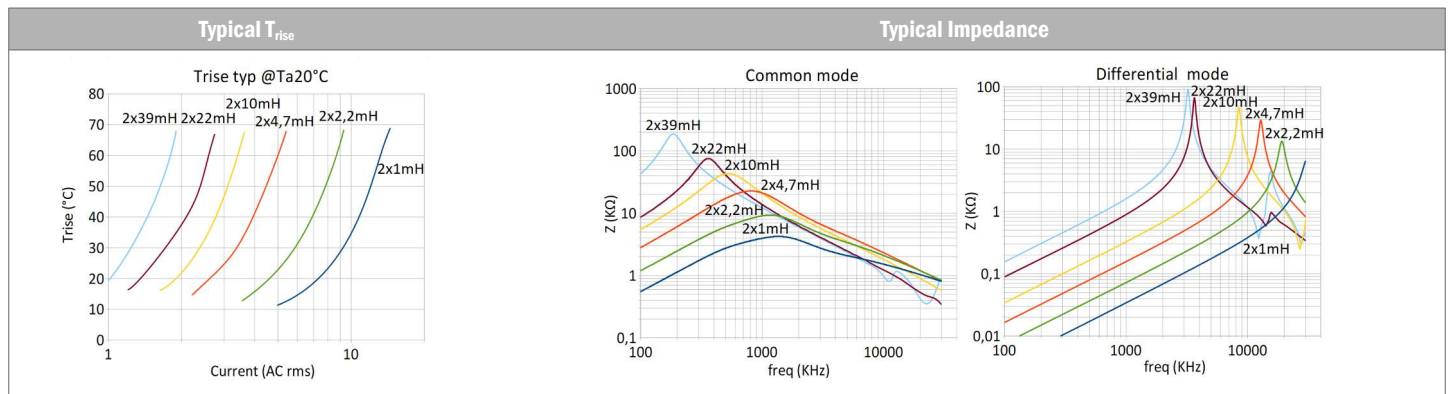
- Common mode inductors for EMI mains line
- Excellent common mode interference suppression
- Good differential mode filtering against symmetrical interference
- High insulation between windings
- Excellent performance/dimensions ratio
- Other values on request



Code	Drawing	Nominal Inductance ¹	Minimum Inductance ¹	Stray Inductance typ ¹	Nominal Current ²	Typical DCR ³	Mains Rated Voltage	N1/N2 Dielectric strength
SCT2213102	A	2x1.0 mH	2x0.7 mH	5.3 μH	12 A	5.5 mΩ	250V	1.5KV
SCT2213222	A	2x2.2 mH	2x1.54 mH	11.5 μH	7.7 A	14.0 mΩ	250V	1.5KV
SCT2213472	B	2x4.7 mH	2x3.29 mH	30 μH	4.5 A	26.4 mΩ	250V	1.5KV
SCT2213103 ^P	B	2x10 mH	2x7.0 mH	61 μH	3.0 A	87.0 mΩ	250V	1.5KV
SCT2213223 ^P	B	2x22 mH	2x15.4 mH	147 μH	2.3 A	135 mΩ	250V	1.5KV
SCT2213393	B	2x39 mH	2x27.3 mH	245 μH	1.75 A	310 mΩ	250V	1.5KV

Dimensions	mm	Layout (bottom view)	Drawing A	.stp file Download
A max	27.4			
B max	18.7			
H max	27.0			
X typ	10.0			
Y typ	12.0			
L min	3.5			
D typ (∅)	1.3			

Dimensions	mm	Layout (bottom view)	Drawing B	.stp file Download
A max	27.4			
B max	18.7			
H max	30.9			
X typ	10.0			
Y typ	12.0			
L min	3.5			
D typ (∅)	1.0			



¹ @10KHz-100mV.

² Max continuous current for 60°C about temperature rise (@Ta20°C). The temperature of the inductor should not exceed 120°C, Trise included.

³ Referred to each winding (@Ta20°C).

^P Preferential items usually on stock.