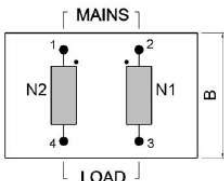
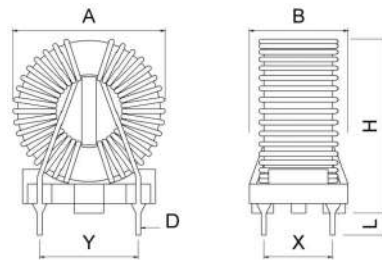


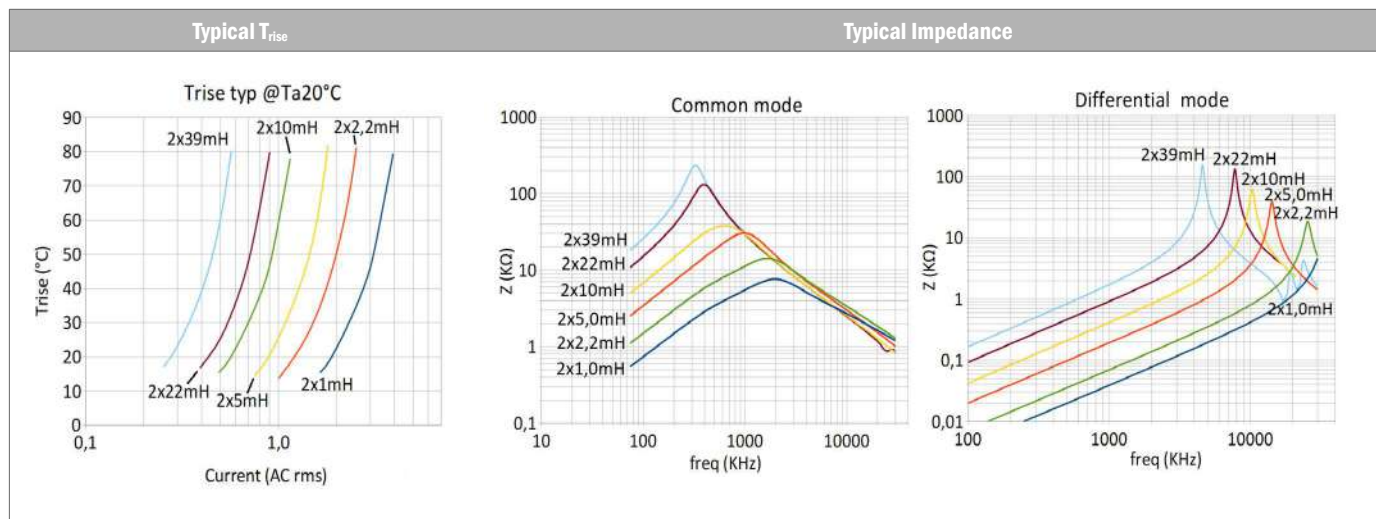
SCT1305 series – 2x1mH/ 3.39A ... 2x39mH/500mA

- 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 μ H	3.39 A	35 m Ω	250V	1.5KV
SCT1305222	2x2.2 mH	2x1.54 mH	15.0 μ H	2.19 A	80 m Ω	250V	1.5KV
SCT1305502	2x5.0 mH	2x3.5 mH	32.0 μ H	1.58 A	147 m Ω	250V	1.5KV
SCT1305103 ^p	2x10 mH	2x7.0 mH	67.0 μ H	1.01 A	310 m Ω	250V	1.5KV
SCT1305223	2x22 mH	2x15.4 mH	165 μ H	0.78 A	623 m Ω	250V	1.5KV
SCT1305393	2x39 mH	2x27.3 mH	285 μ H	0.50 A	1400 m Ω	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	4.5			
Y typ	10.0			
L min	2.5			
D typ ($\varnothing$)	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.