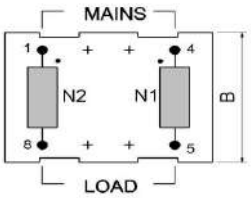
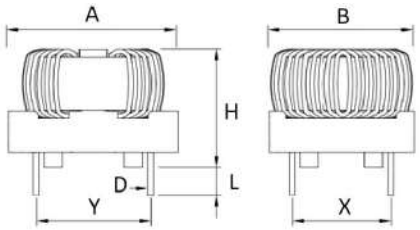
SCT1409 series – 2x3.3mH/1.82A … 2x68mH/400mA

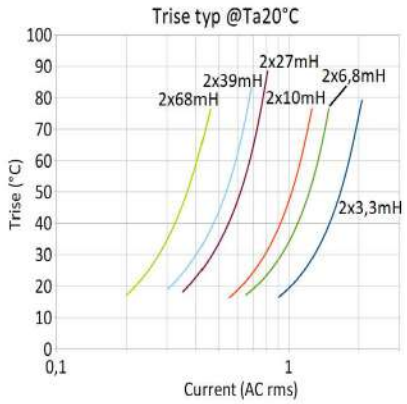
- Common mode inductors for EMI mains line
- Excellent common mode interference suppression
- Good differential mode filtering against symmetrical interference
- High insulation between windings
- Excellent performance/dimensions ratio
- Other values on request



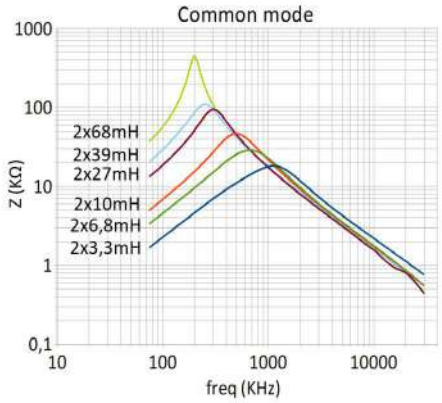
Code	Nominal Inductance[1]	Minimum Inductance[1]	Stray Inductance typ[1]	Nominal Current[2]	Typical DCR[3]	Mains Rated Voltage	N1/N2 Dielectric strength
SCT1409332	2x3.3 mH	2x2.31 mH	37 µH	1.82 A	110 mΩ	250V	1.5KV
SCT1409682	2x6.8 mH	2x5.48 mH	79 µH	1.33 A	210 mΩ	250V	1.5KV
SCT1409103	2x10 mH	2x7.0 mH	110 µH	1.12 A	350 mΩ	250V	1.5KV
SCT1409153	2x15 mH	2x10.5 mH	164 µH	0.90 A	490 mΩ	250V	1.5KV
SCT1409273	2x27 mH	2x18.9 mH	310 µH	0.68 A	810 mΩ	250V	1.5KV
SCT1409393	2x39 mH	2x27.3 mH	415 µH	0.59 A	1200 mΩ	250V	1.5KV
SCT1409473	2x47 mH	2x3.9 mH	515 µH	0.50 A	1730 mΩ	250V	1.5KV
SCT1409683[P]	2x68 mH	2x47.6 mH	740 µH	0.40 A	2500 mΩ	250V	1.5KV

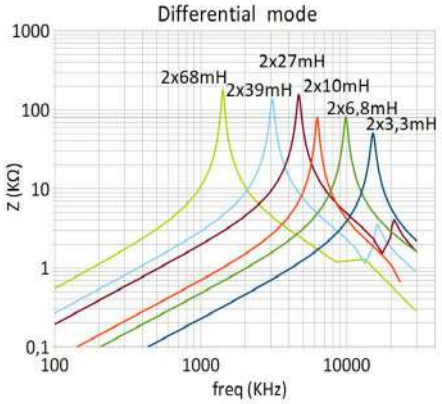
Dimensions	mm	Layout (bottom view)	Drawing	.stp file Download
A max	19.6			
B max	15.8			
H max	14.0			
X typ	10.0			
Y typ	12.5			
L min	3.5			
D typ (Ø)	0.6			

Typical T_{rise}



Typical Impedance





[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.*

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