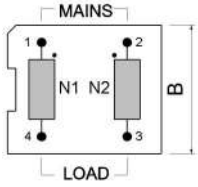
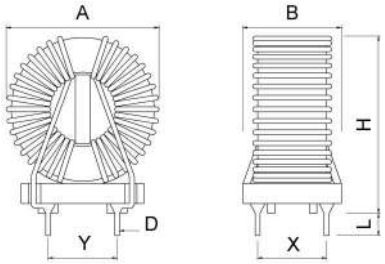
SCT1810 series – 2x1mH/8.25A … 2x20mH/1.63A

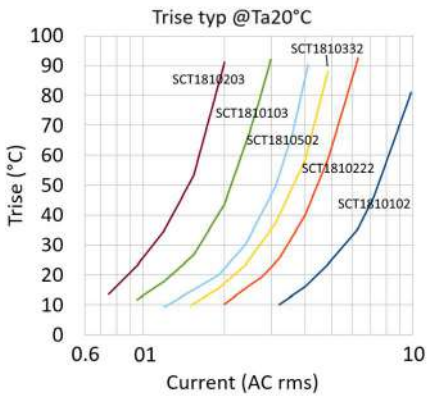
- Common mode inductors for EMI mains line
- Excellent common mode interference suppression
- Good differential mode filtering against symmetrical interference
- High insulation between windings
- Excellent performance/dimensions ratio
- Other values on request



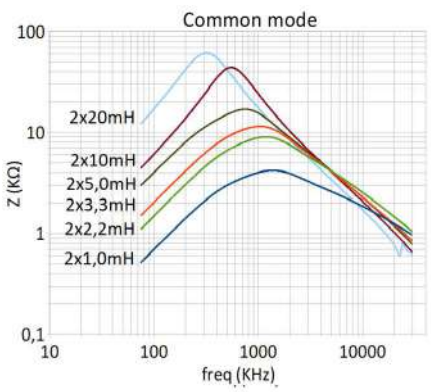
Code	Nominal Inductance[1]	Minimum Inductance[1]	Stray Inductance typ[1]	Nominal Current[2]	Typical DCR[3]	Mains Rated Voltage	N1/N2 Dielectric strength
SCT1810102	2x1.0 mH	2x0.7 mH	4.25 µH	8.25 A	8.2 mΩ	250V	1.5KV
SCT1810222	2x2.2 mH	2x1.54 mH	9.3 µH	4.92 A	23 mΩ	250V	1.5KV
SCT1810332	2x3.3 mH	2x2.31 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	45 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

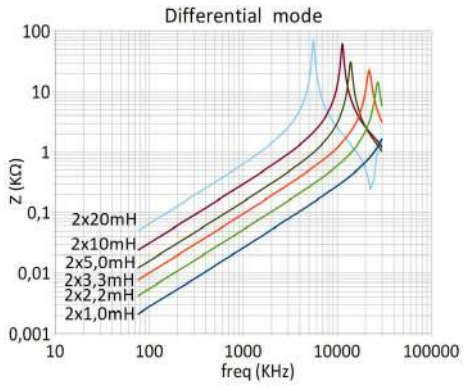
Dimensions	mm	Layout (bottom view)	Drawing	.stp file Download
A max	22.1			
B max	14.6			
H max	25.6			
X typ	10.7			
Y typ	7.5			
L min	3.5			
D typ (Ø)	0.70			

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).*

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