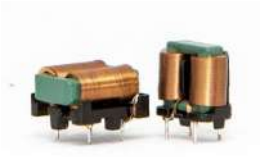
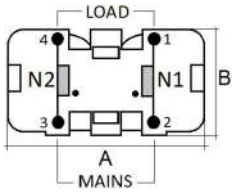
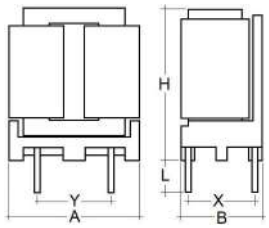
SCF1515-1520 series – 2x7mH/3.02A … 2x36mH/1.12A

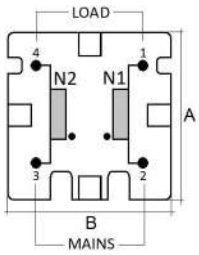
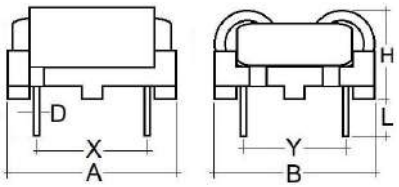
- Common mode inductors for EMI mains line filters
- Excellent common mode interference suppression
- Good differential mode filtering against symmetrical interference
- High insulation between windings
- Best performance/dimensions ratio
- Other values on request



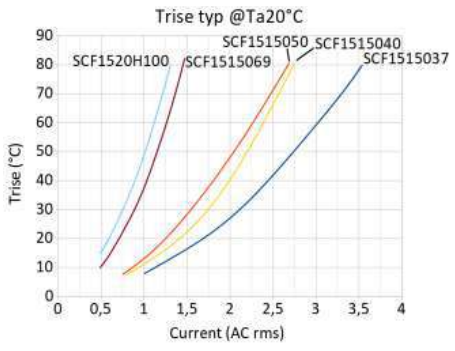
PRELIMINARY

Code	Drawing	Minimum Inductance[1]	Stray Inductance typ[2]	Nominal Current[3]	Typical DCR[4]	Mains Rated Voltage	N1/N2 Dielectric strength
SCF1515037	A	2x7 mH	51 µH	3.02 A	58 mΩ	250V	1.5KV
SCF1515040	A	2x8 mH	63µH	2.36 A	93 mΩ	250V	1.5KV
SCF1515050	A	2x12 mH	89 µH	2.25 A	100 mΩ	250V	1.5KV
SCF1515069	A	2x21 mH	177 µH	1.26 A	298 mΩ	250V	1.5KV
SCF1520H100	B	2x36 mH	416 µH	1.12 A	428 mΩ	250V	1.5KV

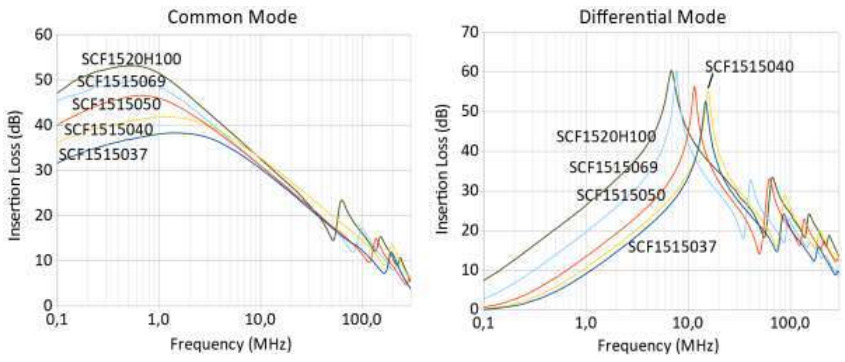
Dimensions	mm	Layout (bottom view)	Drawing A	.stp file Download
A max	22.0			
B max	12.8			
H max	20.4			
X typ	7.5			
Y typ	10.0			
L min	2.5			
D typ (Ø)	0.7			

Dimensions	mm	Layout (bottom view)	Drawing B	.stp file Download
A max	23.5			
B max	22.7			
H max	15.6			
X typ	10.0			
Y typ	13.0			
L min	2.5			
D typ (Ø)	0.7			

Typical T_{rise}



Typical Insertion Loss



[1] *@ 10kHz - 1V*
[2] *@ 100kHz - 1V*
[3] *Max continuous current for 60° about temperature rise (@Ta 20°C). The temperature of the inductor should not exceed 100°C, T rise included.*
[4] *Referred to each winding @ Ta 20°C*

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