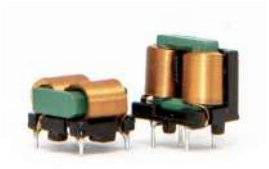
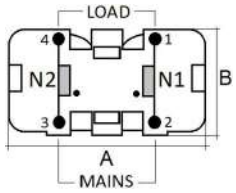
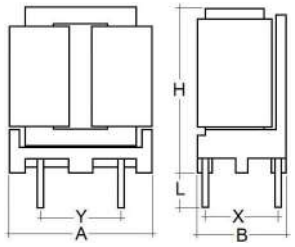
SCF1212 series – 2x7mH/1.92A … 2x11mH/1.42A

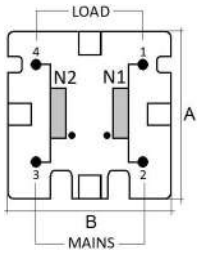
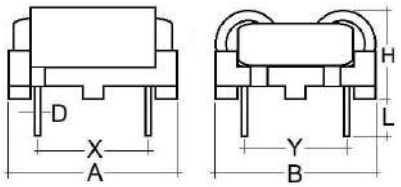
- Common mode inductors for EMI mains line filters
- Excellent common mode interference suppression
- Good differential mode filtering against symmetrical interference
- High insulation between windings
- Best performance/dimensions ratio
- Other values on request



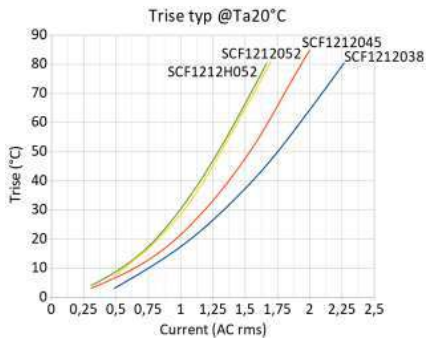
PRELIMINARY

Code	Drawing	Minimum Inductance[1]	Stray Inductance typ[2]	Nominal Current[3]	Typical DCR[4]	Mains Rated Voltage	N1/N2 Dielectric strength
SCF1212038	A	2x7 mH	48 µH	1.92 A	99 mΩ	250V	1.5KV
SCF1212045	A	2x9 mH	65 µH	1.67 A	129 mΩ	250V	1.5KV
SCF1212052	A	2x11 mH	84 µH	1.42 A	190 mΩ	250V	1.5KV
SCF1212H052	B	2x11 mH	84 µH	1.42 A	190 mΩ	250V	1.5KV

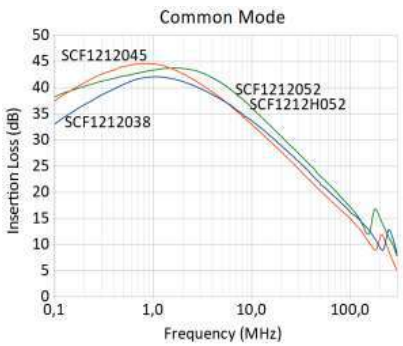
Dimensions	mm	Layout (bottom view)	Drawing A	.stp file Download
A max	18.1			
B max	11.8			
H max	17.3			
X typ	7.0			
Y typ	8.0			
L min	2.5			
D typ (Ø)	0.7			

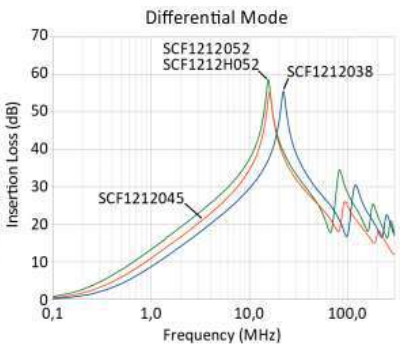
Dimensions	mm	Layout (bottom view)	Drawing B	.stp file Download
A max	14.3			
B max	17.9			
H max	11.7			
X typ	10.0			
Y typ	13.0			
L min	2.5			
D typ (Ø)	0.7			

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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