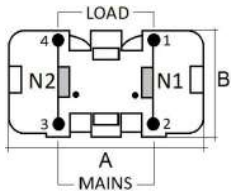
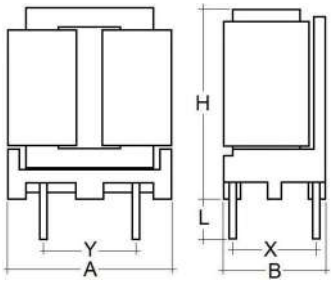
SCF2418 series – 2x10mH/3.65A

- 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

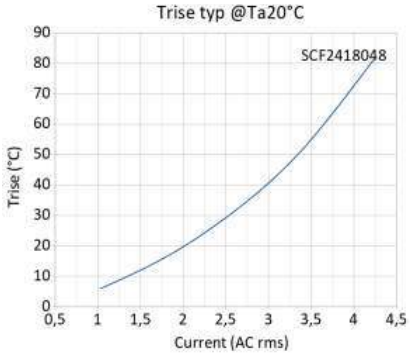


PRELIMINARY

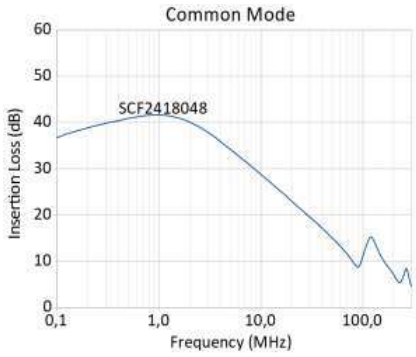
Code	Minimum Inductance[1]	Stray Inductance typ[2]	Nominal Current[3]	Typical DCR[4]	Mains Rated Voltage	N1/N2 Dielectric strength
SCF2418048	2x10 mH	109 µH	3.65 A	55 mΩ	250V	1.5KV

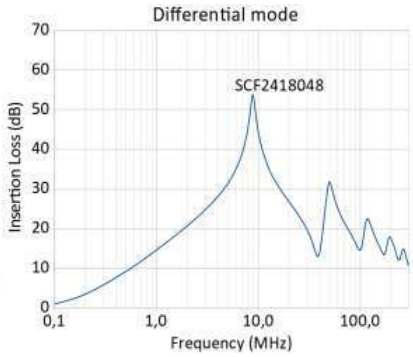
Dimensions	mm	Layout (bottom view)	Drawing	.stp file Download
A max	23.0			
B max	14.5			
H max	31.2			
X typ	10.0			
Y typ	13.0			
L min	2.5			
D typ (Ø)	0.8			

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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