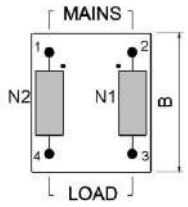
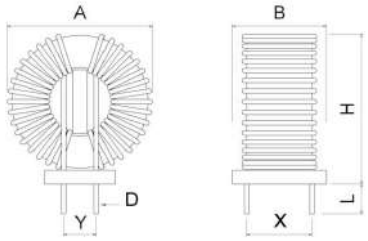
SCN3212 series – 2x5.0mH/35.0A … 2x133mH/5.30A

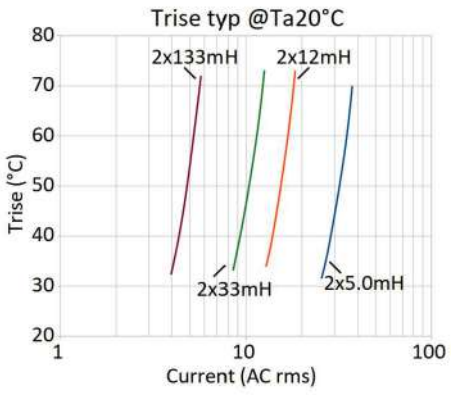
- Ring core common mode inductors for EMI mains line filtering, with nanocrystalline core
- Superior common mode interference suppression throughout a broad frequency range
- Good differential mode filtering against symmetrical interference
- High insulation between windings
- Best performance/dimensions ratio
- Other values on request



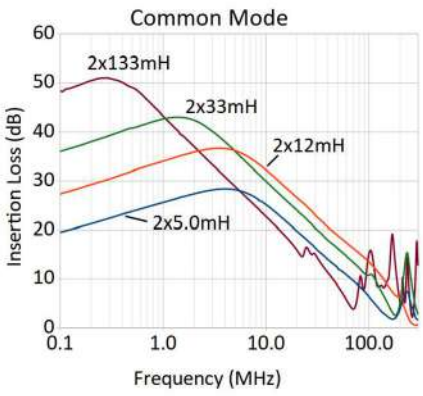
Code	Nominal Inductance[1]	Minimum Inductance[1]	Stray Inductance typ[1]	Nominal Current[2]	Typical DCR[3]	Mains Rated Voltage	N1/N2 Dielectric strength
SCN3212502	2x5.0 mH	2x3.3 mH	2.00 µH	35.0 A	1.59 mΩ	400V	2.8KV
SCN3212123	2x12 mH	2x7.8 mH	6.55 µH	17.0 A	5.48 mΩ	400V	2.8KV
SCN3212333	2x33 mH	2x21.5 mH	15.1 µH	11.4 A	15.3 mΩ	400V	2.8KV
SCN3212134	2x133 mH	2x86.5 mH	65.7 µH	5.30 A	69.7 mΩ	400V	2.8KV

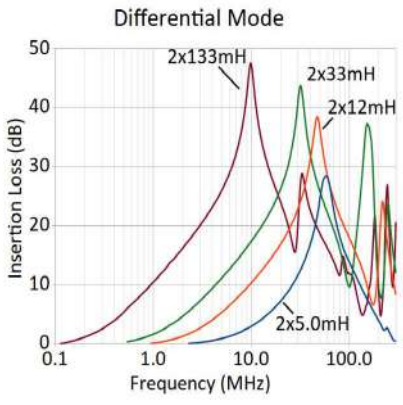
Dimensions	SCN3212502 (mm)	SCN3212123 (mm)	SCN3212333 (mm)	SCN3212134 (mm)	Layout (bottom view)	Drawing
A max	47.5	42.5	42.5	42.5		
B max	30.5	27.5	27.5	27.5		
H max	44.5	42.0	42.0	42.0		
X typ	21.0	21.0	21.0	21.0		
Y typ	10.0	10.0	10.0	10.0		
L min	3.0	3.0	3.0	3.0		
D typ (Ø)	3.50	1.60	1.18	0.80		
.stp file Download						

Typical T_{rise}



Insertion Loss





[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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