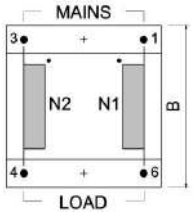
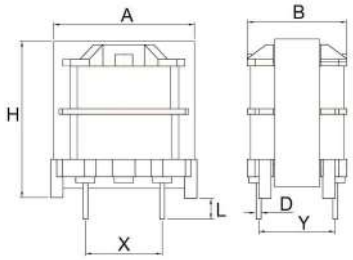
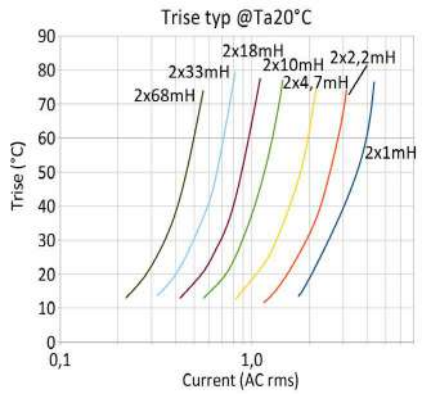
SCLE20V series – 2x1mH/3.5A … 2x68mH/440mA

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

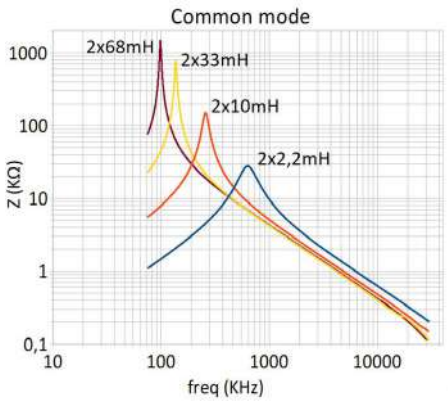
Code	Nominal Inductance[1]	Minimum Inductance[1]	Stray Inductance typ[1]	Nominal Current[2]	Typical DCR[3]	Mains Rated Voltage	N1/N2 Dielectric strength
SCLE20V102	2x1.0 mH	2x0.7 mH	15 µH	3.50 A	33mΩ	250V	1.5KV
SCLE20V222	2x2.2 mH	2x1.54 mH	30 µH	2.44 A	64 mΩ	250V	1.5KV
SCLE20V472	2x4.7 mH	2x3.29 mH	58 µH	1.69 A	134 mΩ	250V	1.5KV
SCLE20V103[P]	2x10 mH	2x7.0 mH	138 µH	1.13 A	298 mΩ	250V	1.5KV
SCLE20V183	2x18 mH	2x12.6 mH	243 µH	0.85 A	532 mΩ	250V	1.5KV
SCLE20V333[P]	2x33 mH	2x23.1 mH	440 µH	0.63 A	950 mΩ	250V	1.5KV
SCLE20V683[P]	2x68 mH	2x47.6 mH	896 µH	0.44 A	2.00 Ω	250V	1.5KV

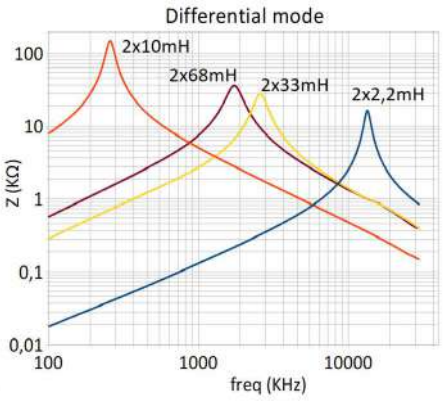
Dimensions	mm	Layout (bottom view)	Drawing	.stp file Download
A max	21.2			
B max	13.8			
H max	21.7			
X tip	10.0			
Y tip	10.0			
L min	3.5			
D tip (□)	0.64			

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 115°C, Trise included.*
[3] *Referred to each winding (@Ta20°C).*
[P] *Preferential items usually on stock.*