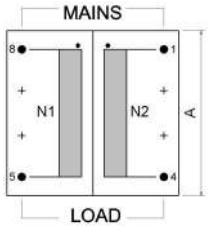
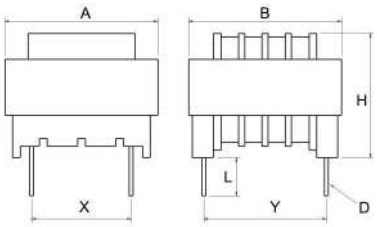
SCLE25 series – 2x2.2mH/4A … 2x68mH/760mA

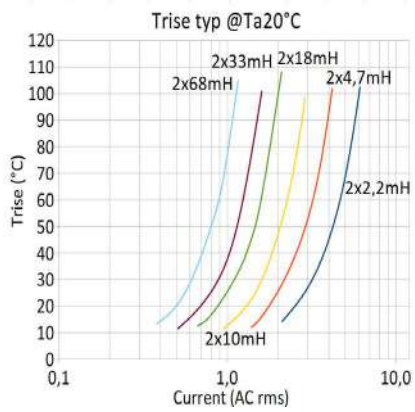
- Common mode inductors for EMI mains line filters
- Excellent common mode interference suppression
- High frequency attenuation improved with sectional windings
- Good differential mode filtering against symmetrical interference
- High insulation between windings
- Excellent performance/dimensions ratio
- Other values on request
- Available in Design kit (see on www.itacoilweb.com/portfolio/inductors-design-kit/)



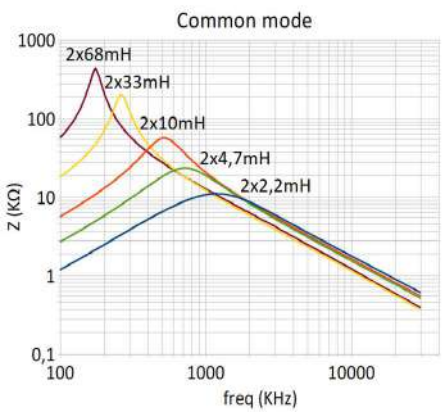
Code	Nominal Inductance[1]	Minimum Inductance[1]	Stray Inductance typ[1]	Nominal Current[2]	Typical DCR[3]	Mains Rated Voltage	N1/N2 Dielectric strength
SCLE25222	2x2.2 mH	2x1.54 mH	23 µH	4.00 A	36 mΩ	250V	1.5KV
SCLE25472	2x4.7 mH	2x3.29 mH	47 µH	2.75 A	79 mΩ	250V	1.5KV
SCLE25103[P]	2x10 mH	2x7.0 mH	100 µH	1.93 A	152 mΩ	250V	1.5KV
SCLE25183	2x18 mH	2x12.6 mH	182 µH	1.39 A	298 mΩ	250V	1.5KV
SCLE25333[P]	2x33 mH	2x23.1 mH	340 µH	1.05 A	521 mΩ	250V	1.5KV
SCLE25683[P]	2x68 mH	2x47.6 mH	680 µH	0.76 A	990 mΩ	250V	1.5KV

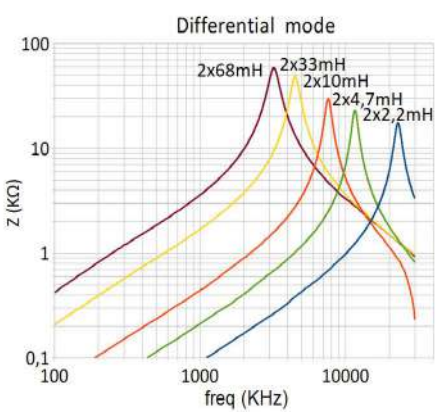
Dimensions	mm	Layout (bottom view)	Drawing	.stp file Download
A max	26.3			
B max	27.1			
H max	21.4			
X typ	15.0			
Y typ	20.0			
L min	2.5			
D typ (Ø)	0.65			

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 120°C, Trise included.*
[3] *Referred to each winding (@Ta20°C).*
[P] *Preferential items usually on stock.*

subject to change without notice • all rights reserved • any reproduction without written authorization is forbidden • this catalogue replaces any previous issues