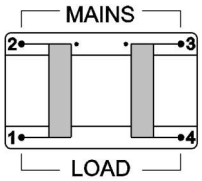
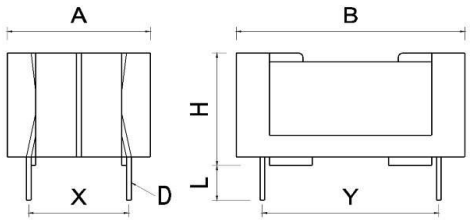
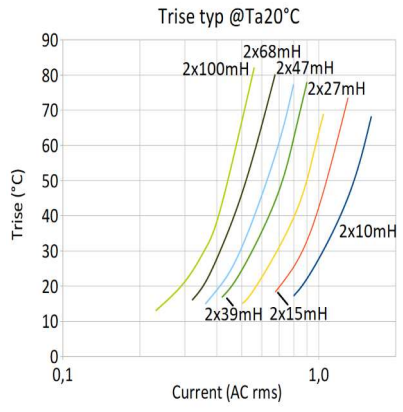
SCQ16 series – 2x10mH/1.6A ... 2x100mH/520mA

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

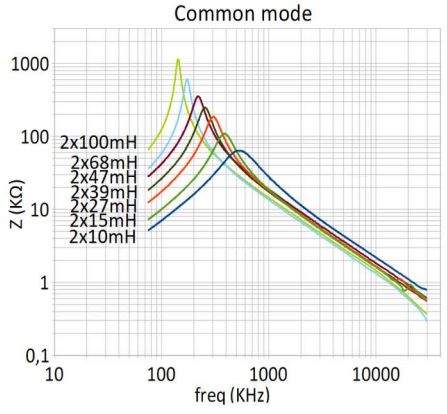
Code	Nominal Inductance[1]	Minimum Inductance[1]	Stray Inductance typ[1]	Nominal Current[2]	Typical DCR[3]	Mains Rated Voltage	N1/N2 Dielectric strength
SCQ16103	2x10 mH	2x7.0 mH	155 µH	1.60 A	248 mΩ	250V	1.7KV
SCQ16153	2x15 mH	2x10.5 mH	245 µH	1.25 A	400 mΩ	250V	1.7KV
SCQ16273	2x27 mH	2x18.9 mH	415 µH	1.04 A	620 mΩ	250V	1.7KV
SCQ16393[P]	2x39 mH	2x27.3 mH	620 µH	0.83 A	920 mΩ	250V	1.7KV
SCQ16473	2x47 mH	2x32.9 mH	725 µH	0.74 A	1165 mΩ	250V	1.7KV
SCQ16683	2x68 mH	2x47.6 mH	1050 µH	0.61A	1670 mΩ	250V	1.7KV
SCQ16104	2x100 mH	2x70.0 mH	1530 µH	0.52 A	2400 mΩ	250V	1.7KV

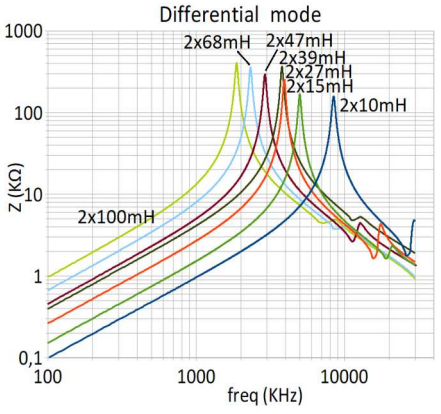
Dimensions	mm	Layout (bottom view)	Drawing	.stp file Download
A max	15.0			
B max	24.9			
H max	13.8			
X typ	10.0			
Y typ	19.0			
L min	3.0			
D typ (□)	0.7			

Typical T_{rise}



Typical Impedance





[1] *@10KHz-100mV.*
[2] *Max continuous current for 70°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.*