

SCT2213 series – 2x1mH/12A ... 2x39mH/1.745A

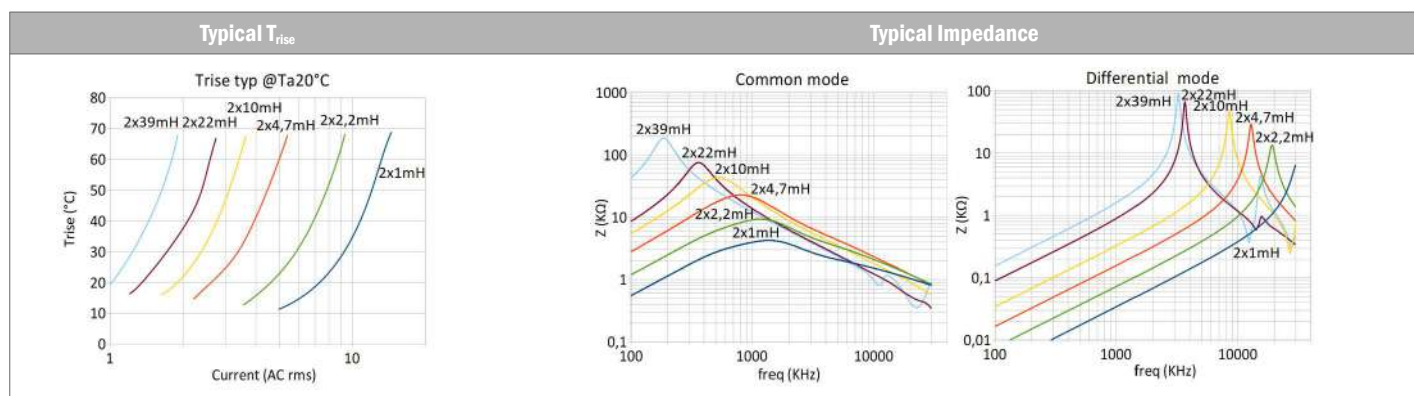
- Common mode inductors for EMI mains line
- Excellent common mode interference suppression
- Good differential mode filtering against symmetrical interference
- High insulation between windings
- Excellent performance/dimensions ratio
- Other values on request



Code	Drawing	Nominal Inductance ¹	Minimum Inductance ¹	Stray Inductance typ ¹	Nominal Current ²	Typical DCR ³	Mains Rated Voltage	N1/N2 Dielectric strength
SCT2213102	A	2x1.0 mH	2x0.7 mH	5.3 µH	12 A	5.5 mΩ	250V	1.5KV
SCT2213222	A	2x2.2 mH	2x1.54 mH	11.5 µH	7.7 A	14.0 mΩ	250V	1.5KV
SCT2213472	B	2x4.7 mH	2x3.29 mH	30 µH	4.5 A	26.4 mΩ	250V	1.5KV
SCT2213103 ^P	B	2x10 mH	2x7.0 mH	61 µH	3.0 A	87.0 mΩ	250V	1.5KV
SCT2213223 ^P	B	2x22 mH	2x15.4 mH	147 µH	2.3 A	135 mΩ	250V	1.5KV
SCT2213393	B	2x39 mH	2x27.3 mH	245 µH	1.75 A	310 mΩ	250V	1.5KV

Dimensions	mm	Layout (bottom view)	Drawing A	.stp file Download
A max	27.4			
B max	18.7			
H max	27.0			
X typ	12.0			
Y typ	10.0			
L min	3.5			
D typ (Ø)	1.3			

Dimensions	mm	Layout (bottom view)	Drawing B	.stp file Download
A max	27.4			
B max	18.7			
H max	30.9			
X typ	12.0			
Y typ	10.0			
L min	3.5			
D typ (Ø)	1.0			



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.