

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

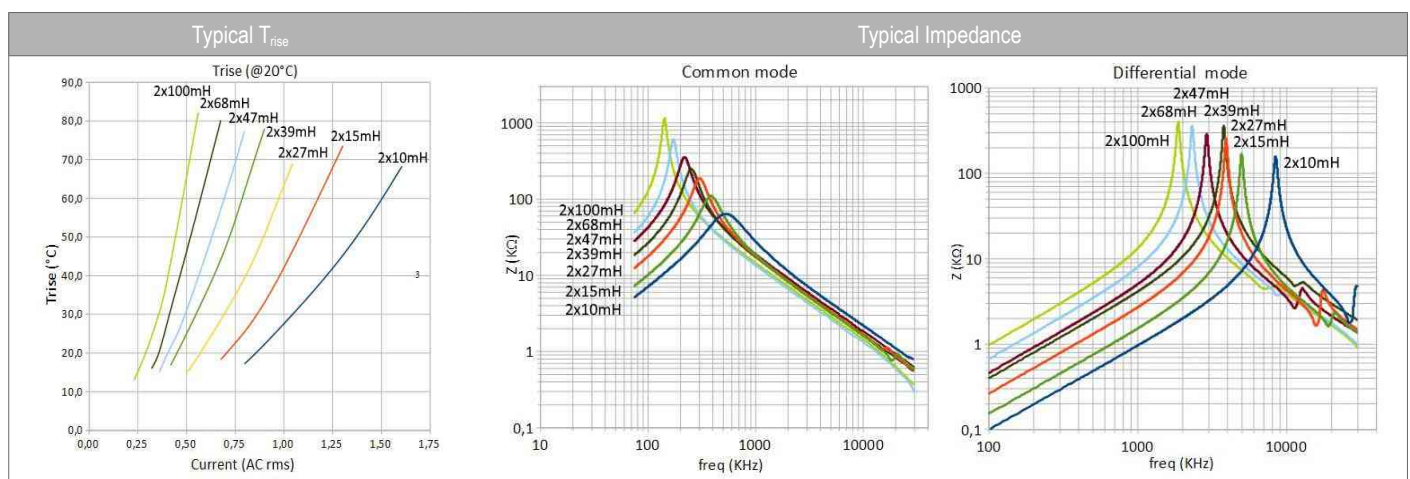
- Common mode chokes for EMI/EMC main line and data line filters
- Excellent common mode interference suppression
- Good differential mode filtering against symmetrical interferences
- High insulation between windings
- Excellent performances/dimensions ratio
- Others values on request



PRELIMINARY

Code	Nominal Inductance ¹	Nominal Inductance ¹	Stray Inductance typ	Nominal Current ²	Typical DCR ³	Main Rated Voltage	N1/N2 Dielectric strength
SCQ16103	2x10 mH	2x7,0 mH	190 µH	1,60 A	248 mΩ	250V	1,7KV
SCQ16153	2x15 mH	2x10,5 mH	290 µH	1,25 A	400 mΩ	250V	1,7KV
SCQ16273	2x27 mH	2x18,9 mH	515 µH	1,04 A	620 mΩ	250V	1,7KV
SCQ16393	2x39 mH	2x27,3 mH	735 µH	0,83 A	920 mΩ	250V	1,7KV
SCQ16473	2x47 mH	2x32,9 mH	915 µH	0,74 A	1165 mΩ	250V	1,7KV
SCQ16683	2x68 mH	2x47,6 mH	1320 µH	0,61A	1670 mΩ	250V	1,7KV
SCQ16104	2x100 mH	2x70,0 mH	1930 µH	0,52 A	2400 mΩ	250V	1,7KV

Dimensions	mm	Layout (bottom view)	Drawing	Schematic
A max	15			
B max	24.9			
H max	13.8			
X typ	10.0			
Y typ	19.0			
L min	3.0			
D typ (□)	0.7			



¹ Tested @10KHz-100mV tested.

² Max continuous current for 70°C typ temperature rise. The temperature of the inductor should not exceed 115°C.

³ Referred to each winding (@20°C).