

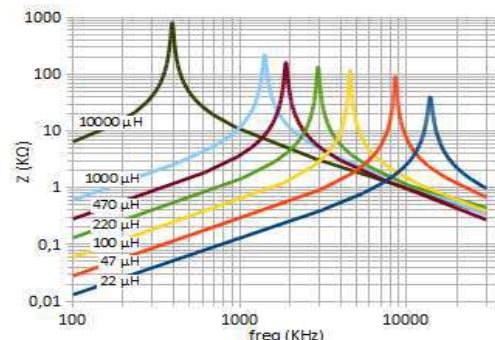
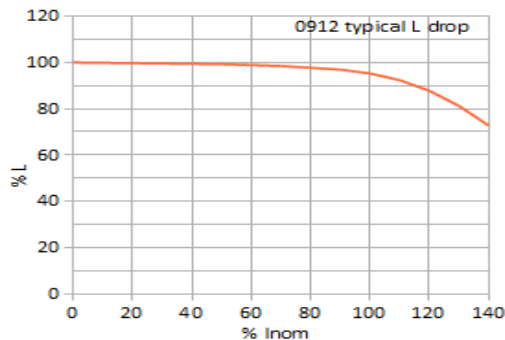
SLD0912 series - 10μH...10mH 5A...170mA

- Suited for both EMC and energy storage using (filters, SMPS, etc.)
- SLDxxxxxx = Bulk packaging
- SLDxxxxxxN = Taped packaging (with the suffix "N")
- Other values on request
- Available in Design kit (see on www.itacoilweb.com/portfolio/inductors-design-kit/)



Code	Nominal Inductance ¹	Nominal Current ²	Saturation Current ³	Typical DCR ⁴	SRF min
SLD0912100	10 μH	5.00 A	5.91 A	16.8 mΩ	9.7 MHz
SLD0912150	15 μH	3.93 A	4.76 A	25 mΩ	9.7 MHz
SLD0912220 ^P	22 μH	3.42 A	3.98 A	30 mΩ	9.7 MHz
SLD0912330	33 μH	2.78 A	3.31 A	50 mΩ	6.0 MHz
SLD0912470 ^P	47 μH	2.24 A	2.75 A	70 mΩ	6.0 MHz
SLD0912680	68 μH	1.91 A	2.30 A	105 mΩ	3.2 MHz
SLD0912101 ^P	100 μH	1.66 A	1.89 A	127 mΩ	3.2 MHz
SLD0912151	150 μH	1.36 A	1.54 A	200 mΩ	2,1 MHz
SLD0912221 ^P	220 μH	1.09 A	1.27 A	300 mΩ	2.1 MHz
SLD0912331	330 μH	0.91 A	1.04 A	445 mΩ	1.3 MHz
SLD0912471 ^P	470 μH	0.77 A	0.87 A	615 mΩ	1.3 MHz
SLD0912681	680 μH	0.63 A	0.72 A	910 mΩ	1.0 MHz
SLD0912102 ^P	1.0 mH	0.52 A	0.60 A	1.31 Ω	1.0 MHz
SLD0912222	2.2 mH	0.35 A	0.40 A	2.61 Ω	0.8 MHz
SLD0912472	4.7 mH	0.23 A	0.28 A	6.68 Ω	0.4 MHz
SLD0912682	6.8 mH	0.18 A	0.22 A	10.60 Ω	0.4 MHz
SLD0912103	10 mH	0.17 A	0.19 A	13.20 Ω	0.2 MHz

Dimensions	mm	Bulk version drawing	.stp file Download	Dimensions	mm	Taped version drawing	.stp file Download
A max (∅)	10.8			A max (∅)	10.8		
H max	15.1			H max	15.1		
X typ	5.0			X typ	5.0		
L min	3.0			L2 min	18.0		
D typ (∅)	0.6			D typ (∅)	0.6		
				E typ	12.7		



¹ Tolerances ±10% - Measured @10KHz-100mV.

² Max continuous DC current for 30°C temperature rise. The temperature of inductor does not exceed 125°C, Trise included.

³ Max peak current for inductance decreasing within rated value -25%.

⁴ Referred to 20°C.

^P Preferential items usually on stock (bulk packaging version).