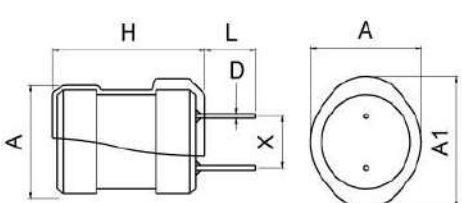


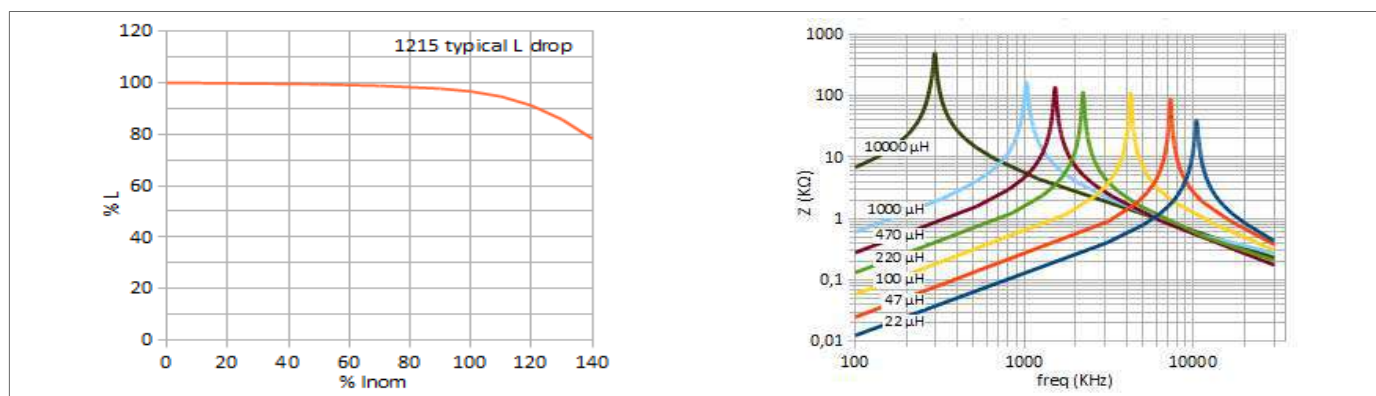
SLD1215 series - 10μH...10mH 9A...270mA

- Suited for both EMC and energy storage using (filters, SMPS, etc.)
- 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
SLD1215100	10 μH	8.94 A	9.55 A	6 mΩ	7.3 MHz
SLD1215150	15 μH	6.58 A	8.00 A	12 mΩ	7.3 MHz
SLD1215220 ^p	22 μH	5.02 A	6.58 A	22 mΩ	7.3 MHz
SLD1215330	33 μH	4.37 A	5.38 A	28 mΩ	5.1 MHz
SLD1215470 ^p	47 μH	3.44 A	4.55 A	45 mΩ	5.1 MHz
SLD1215680	68 μH	3.22 A	3.84 A	53 mΩ	3.0 MHz
SLD1215101 ^p	100 μH	2.53 A	3.18 A	83 mΩ	3.0 MHz
SLD1215151	150 μH	2.09 A	2.60 A	120 mΩ	1.6 MHz
SLD1215221 ^p	220 μH	1.72 A	2.13 A	180 mΩ	1.6 MHz
SLD1215331	330 μH	1.41 A	1.75 A	270 mΩ	1.1 MHz
SLD1215471 ^p	470 μH	1.16 A	1.46 A	405 mΩ	1.1 MHz
SLD1215681	680 μH	1.03 A	1.22 A	500 mΩ	0.7 MHz
SLD1215102 ^p	1.0 mH	0.83 A	1.00 A	790 mΩ	0.7 MHz
SLD1215222	2.2 mH	0.58 A	0.68 A	1.62 Ω	0.5 MHz
SLD1215472	4.7 mH	0.38 A	0.46 A	3.68 Ω	0.3 MHz
SLD1215103	10 mH	0.27 A	0.32 A	7.62 Ω	0.2 MHz

Dimensions	mm	Drawing	.stp file Download
A max (∅)	13.3 ⁵		
A1 max (∅)	15.0		
H max	19.0		
X typ	7.5		
L min	3.0		
D typ (∅)	0.8		



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.

⁵ Only for SLD1215680 max height 13.6mm