

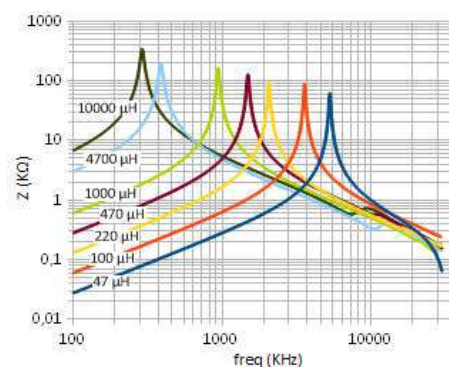
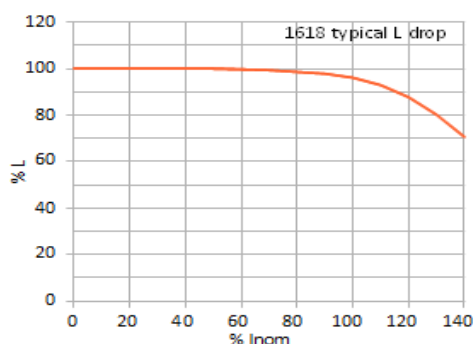
SLD1618 series - 47μH...10mH 5.1A...390mA

- 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
SLD1618470 ^P	47 μH	5.10 A	6.64 A	24 mΩ	4.5 MHz
SLD1618680	68 μH	4.77 A	5.49 A	30 mΩ	2.9 MHz
SLD1618101 ^P	100 μH	3.71 A	4.56 A	44 mΩ	2.9 MHz
SLD1618151	150 μH	3.15 A	3.68 A	68 mΩ	1.8 MHz
SLD1618221 ^P	220 μH	2.52 A	3.08 A	103 mΩ	1.8 MHz
SLD1618331	330 μH	2.13 A	2.51 A	148 mΩ	1.3 MHz
SLD1618471 ^P	470 μH	1.75 A	2.09 A	205 mΩ	1.3 MHz
SLD1618681	680 μH	1.50 A	1.75 A	300 mΩ	0.8 MHz
SLD1618102 ^P	1.0 mH	1.22 A	1.44 A	442 mΩ	0.8 MHz
SLD1618222	2.2 mH	0.82 A	0.97 A	1.04 Ω	0.5 MHz
SLD1618472	4.7 mH	0.59 A	0.67 A	1.95 Ω	0.3 MHz
SLD1618103	10 mH	0.39 A	0.46 A	4.42 Ω	0.2 MHz

Dimensions	mm	Drawing	.stp file Download
A max (∅)	17.5		
A1 max (∅)	20.0		
H max	22.5		
X typ	10.0		
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.