

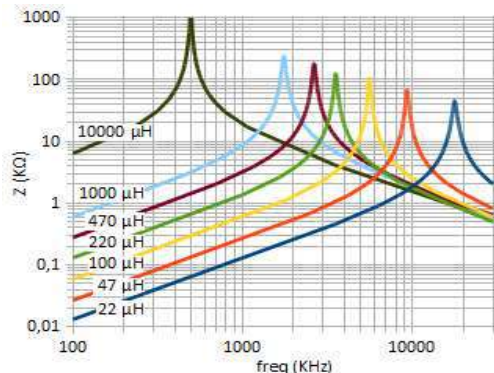
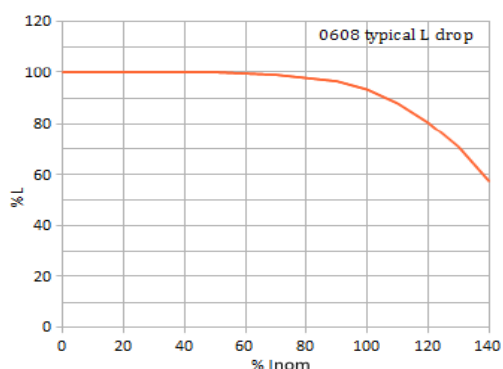
SLD0608 series - 10μH...10mH 2.6A...80mA

- Suited for both EMC and energy storage using (filters, SMPS, etc.)
- SLDxxxxxx = Bulk packaging
- SLDxxxxxxN = Taped packaging (with the suffix "N")
- Other values or taped versions with X=3mm 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
SLD0608100	10 μH	2.60 A	3.22 A	40 mΩ	12.4 MHz
SLD0608150	15 μH	2.10 A	2.67 A	62 mΩ	12.4 MHz
SLD0608220 ^P	22 μH	1.72 A	2.20 A	91 mΩ	12.4 MHz
SLD0608330	33 μH	1.40 A	1.77 A	130 mΩ	6.5 MHz
SLD0608470 ^P	47 μH	1.26 A	1.51 A	170 mΩ	6.5 MHz
SLD0608680	68 μH	1.00 A	1.24 A	265 mΩ	4.3 MHz
SLD0608101 ^P	100 μH	0.85 A	1.04 A	370 mΩ	4.3 MHz
SLD0608151	150 μH	0.70 A	0.84 A	550 mΩ	2.5 MHz
SLD0608221 ^P	220 μH	0.61 A	0.69 A	800 mΩ	2.5 MHz
SLD0608331	330 μH	0.50 A	0.57 A	1.21 Ω	1.8 MHz
SLD0608471 ^P	470 μH	0.40 A	0.48 A	1.65 Ω	1.8 MHz
SLD0608681	680 μH	0.30 A	0.40 A	2.55 Ω	1.2 MHz
SLD0608102 ^P	1.0 mH	0.27 A	0.33 A	3.65 Ω	1.2 MHz
SLD0608222	2.2 mH	0.20 A	0.22 A	7.60 Ω	0.7 MHz
SLD0608472	4.7 mH	0.10 A	0.15 A	16.3 Ω	0.5 MHz
SLD0608103	10 mH	0.08 A	0.10 A	40.0 Ω	0.35 MHz

Dimensions	mm	Bulk version drawing	.stp file Download	Dimensions	mm	Taped version drawing	.stp file Download
A max (∅)	7.3			A max (∅)	7.3		
H max	9.9			H max	9.9		
X typ	3.0			H1 max	15.0		
L min	3.0			X typ	5.0		
D typ (∅)	0.6			L1 min	15.0		
				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).