

Part Number	L (μ H)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SRNH.4012.BYBR47MT00	0.47	100/1	0.041	7.20	3.80
SRNH.4012.BYBR56MT00	0.56	100/1	0.050	6.00	3.20
SRNH.4012.BYBR68MT00	0.68	100/1	0.055	5.20	3.25
SRNH.4012.BYB1R0MT00	1.0	100/1	0.059	3.80	3.00
SRNH.4012.BYB1R5MT00	1.5	100/1	0.075	3.80	2.80
SRNH.4012.BYB2R2MT00	2.2	100/1	0.090	2.80	2.50
SRNH.4012.BYB3R3MT00	3.3	100/1	0.130	2.80	2.00
SRNH.4012.BYB4R7MT00	4.7	100/1	0.175	2.30	1.80
SRNH.4012.BYB6R8MT00	6.8	100/1	0.230	1.60	1.50
SRNH.4012.BYB8R2MT00	8.2	100/1	0.273	1.58	1.46
SRNH.4012.BYB100MT00	10.0	100/1	0.360	1.55	0.85

Note:

Tolerance: N: \pm 30% , M: \pm 20% , K: \pm 10%

Saturation Current: DC current at which the inductance drops approximate 30% from its value without current;

Heat Rating Current : DC current that causes the temperature rise ($\Delta T = 40^{\circ}\text{C}$) from 25°C ambient;