

Part Number	L (uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SRNH.201610.SYBR24MT00	0.24	100/1	0.040	4.50	3.00
SRNH.201610.SYBR33MT00	0.33	100/1	0.049	4.40	2.70
SRNH.201610.SYBR47MT00	0.47	100/1	0.049	4.06	2.70
SRNH.201610.SYBR56MT00	0.56	100/1	0.053	3.80	2.60
SRNH.201610.SYBR68MT00	0.68	100/1	0.065	3.50	2.50
SRNH.201610.SYB1R0MT00	1.0	100/1	0.095	3.30	2.00
SRNH.201610.SYB1R5MT00	1.5	100/1	0.130	1.95	1.70
SRNH.201610.SYB2R2MT00	2.2	100/1	0.180	1.90	1.40
SRNH.201610.SYB3R3MT00	3.3	100/1	0.307	1.40	1.10
SRNH.201610.SYB4R7MT00	4.7	100/1	0.425	1.10	0.90
SRNH.201610.SYB6R8MT00	6.8	100/1	0.620	0.95	0.70
SRNH.201610.SYB8R2MT00	8.2	100/1	0.870	0.86	0.66
SRNH.201610.SYB100MT00	10	100/1	0.875	0.80	0.60
SRNH.201610.SYB150MT00	15	100/1	1.70	0.69	0.36

ELECTRICAL CHARACTERISTICS

Part Number	L (uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SRNH.252010.SYBR24MT00	0.24	100/1	0.033	6.10	3.70
SRNH.252010.SYBR33MT00	0.33	100/1	0.039	4.80	3.50
SRNH.252010.SYBR47MT00	0.47	100/1	0.045	4.40	3.20
SRNH.252010.SYBR68MT00	0.68	100/1	0.059	3.20	2.75
SRNH.252010.SYB1R0MT00	1.0	100/1	0.085	3.10	2.20
SRNH.252010.SYB1R5MT00	1.5	100/1	0.106	2.60	2.00
SRNH.252010.SYB2R2MT00	2.2	100/1	0.155	1.90	1.50
SRNH.252010.SYB3R3MT00	3.3	100/1	0.235	1.60	1.20
SRNH.252010.SYB4R7MT00	4.7	100/1	0.290	1.30	1.00
SRNH.252010.SYB6R8MT00	6.8	100/1	0.480	1.00	0.95
SRNH.252010.SYB100MT00	10	100/1	0.740	0.90	0.65

Note:

Tolerance: N:±30% , M:±20% , K:±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;