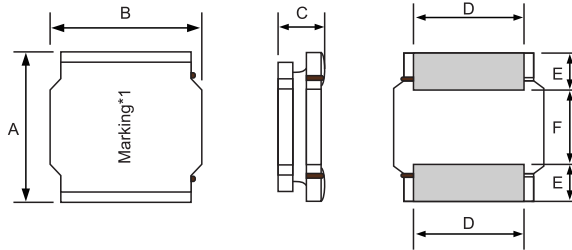


## HNR4012S Series

### TYPE

HNR4012S



A:4.0 ± 0.2  
B:4.0 ± 0.2  
C:1.2Max  
D:3.3 ± 0.2  
E:0.95 ± 0.2  
F:2.1 ± 0.2

### SPECIFICATION

Part Number	Inductance @100kHz,1V	DC Resistance ( ± 30%)	Min.	Saturation Current	Heat Rating Current
			Self-resonant Frequency		
Units Symbol	µH L	Ω DCR	MHz S.R.F	A Isat	A Irms
HNR4012SR82NT	0.82 ± 30%	0.050	150	3.02	1.65
HNR4012S1R0NT	1.0 ± 30%	0.050	120	2.61	1.65
HNR4012S1R5NT	1.5 ± 30%	0.065	90	2.10	1.46
HNR4012S1R8NT	1.8 ± 30%	0.080	88	2.12	1.32
HNR4012S2R2NT	2.2 ± 30%	0.080	74	1.76	1.32
HNR4012S2R7NT	2.7 ± 30%	0.090	71	1.90	1.25
HNR4012S3R3NT	3.3 ± 30%	0.110	60	1.72	1.12
HNR4012S3R6NT	3.6 ± 30%	0.110	57	1.20	1.12
HNR4012S4R3NT	4.3 ± 30%	0.140	54	1.58	1.00
HNR4012S4R7NT	4.7 ± 30%	0.125	50	1.15	1.05
HNR4012S5R1NT	5.1 ± 30%	0.155	50	1.55	0.95
HNR4012S5R6NT	5.6 ± 30%	0.140	42	1.00	1.00
HNR4012S6R8MT	6.8 ± 20%	0.198	40	0.85	0.84
HNR4012S100MT	10 ± 20%	0.265	33	0.80	0.77
HNR4012S120MT	12 ± 20%	0.290	32	0.66	0.70
HNR4012S150MT	15 ± 20%	0.340	25	0.56	0.64
HNR4012S180MT	18 ± 20%	0.470	23	0.55	0.55
HNR4012S220MT	22 ± 20%	0.587	20	0.46	0.49
HNR4012S270MT	27 ± 20%	0.720	18	0.50	0.45
HNR4012S330MT	33 ± 20%	0.810	17	0.42	0.42
HNR4012S360MT	36 ± 20%	0.900	14	0.40	0.40
HNR4012S390MT	39 ± 20%	1.100	16	0.55	0.37
HNR4012S470MT	47 ± 20%	1.100	12	0.35	0.37
HNR4012S560MT	56 ± 20%	1.250	11	0.33	0.33
HNR4012S680MT	68 ± 20%	1.950	11	0.38	0.27
HNR4012S820MT	82 ± 20%	2.140	11	0.28	0.26
HNR4012S101MT	100 ± 20%	2.210	9.4	0.25	0.25

\* Hong can design any part to your requirements with different inductance.

\* All parameters as this content presented are subject to final specifications both sides confirmed.