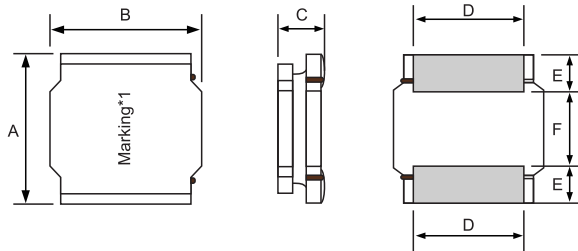


HNR3012S Series

TYPE

DIMENSION

HNR3012S



A: 3.0 ± 0.2
 B: 3.0 ± 0.2
 C: 1.2Max
 D: 2.5 ± 0.2
 E: 0.75 ± 0.2
 F: 1.5 ± 0.2

SPECIFICATION

Part Number	Inductance @100kHz,1V	DC Resistance ($\pm 30\%$)	Min. Self-resonant Frequency	Saturation Current	Heat Rating Current
Units Symbol	μH L	Ω DCR	MHz S.R.F	A Isat	A Irms
HNR3012SR82NT	0.82 $\pm 30\%$	0.030	180	2.05	2.47
HNR3012S1R0NT	1.0 $\pm 30\%$	0.040	120	1.87	2.20
HNR3012S1R2NT	1.2 $\pm 30\%$	0.045	120	2.22	2.01
HNR3012S1R5NT	1.5 $\pm 30\%$	0.045	110	1.62	2.01
HNR3012S1R8NT	1.8 $\pm 30\%$	0.063	90	1.30	1.65
HNR3012S2R2NT	2.2 $\pm 30\%$	0.075	84	1.20	1.55
HNR3012S2R4NT	2.4 $\pm 30\%$	0.068	100	1.15	1.60
HNR3012S2R7NT	2.7 $\pm 30\%$	0.085	65	1.14	1.48
HNR3012S3R3MT	3.3 $\pm 20\%$	0.100	64	1.05	1.36
HNR3012S3R9MT	3.9 $\pm 20\%$	0.145	61	1.00	1.24
HNR3012S4R7MT	4.7 $\pm 20\%$	0.120	61	0.90	1.24
HNR3012S6R8MT	6.8 $\pm 20\%$	0.190	61	0.75	0.98
HNR3012S100MT	10 $\pm 20\%$	0.265	42	0.60	0.83
HNR3012S120MT	12 $\pm 20\%$	0.345	32	0.48	0.73
HNR3012S150MT	15 $\pm 20\%$	0.360	27	0.45	0.71
HNR3012S180MT	18 $\pm 20\%$	0.545	25	0.43	0.58
HNR3012S220MT	22 $\pm 20\%$	0.645	23	0.42	0.53
HNR3012S270MT	27 $\pm 20\%$	0.870	21	0.35	0.47
HNR3012S330MT	33 $\pm 20\%$	0.875	18	0.36	0.46
HNR3012S360MT	36 $\pm 20\%$	0.950	18	0.34	0.44
HNR3012S390MT	39 $\pm 20\%$	1.330	18	0.30	0.37
HNR3012S470MT	47 $\pm 20\%$	1.450	14	0.27	0.35
HNR3012S680MT	68 $\pm 20\%$	1.670	12	0.24	0.33
HNR3012S820MT	82 $\pm 20\%$	2.540	12	0.17	0.27
HNR3012S101MT	100 $\pm 20\%$	2.860	12	0.21	0.25

can design any part to your requirements with different inductance.

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